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1982 Census of Agriculture

AC82-A-22

Volume 1
GEOGRAPHIC AREA SERIES

Part 22

Michigan

State and County Data

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The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

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Issued April 1984

U.S. Department of Commerce
Malcolm Baldrige, Secretary
Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for Economic Affairs

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This report was prepared in the Agriculture Division under the general supervision of **Orvin L. Wilhite**, Chief (to January 1980); **Arnold L. Bollenbacher**, Chief (to June 1982); and **John H. Berry**, Chief (from July 1982).

Many divisions contributed to this report. Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

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The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

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HISTORY

The census of agriculture provides a periodic statistical picture of the Nation's farming, ranching, and related activities. The 1982 Census of Agriculture is the 22d taken by the U.S. Department of Commerce, Bureau of the Census.

The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year to coincide with the 1982 Economic Censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. After 1982, the agriculture census will revert to a 5-year cycle and be taken covering years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agriculture and the only source of consistent, comparable data about agriculture at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs affecting agriculture are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the farm community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under title 13, United States Code, sections 142(a) and 191, which directs that the census be taken in 1979, in 1983, and in every fifth year after 1983 covering the prior year. The 1982 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes were first established, the farm definition has been changed nine times. The current definition, first used for the 1974 final reports, is any place from which $1,000 or more of agricultural products were sold or normally would have been sold during the census year. The previous definition (used for the 1959, 1964, and 1969 censuses, and for the 1974 preliminary reports) was any place with less than 10 acres from which $250 or more of agricultural products were sold or normally would have been sold during the census year, or any place of 10 acres or more from which $50 or more of agricultural products were sold or normally would have been sold during the census year.

COMPARABILITY OF DATA

All censuses since 1969 were conducted primarily by mail. To improve the coverage of the 1978 census, especially in counting the number of small farms, the mailout/mailback enumeration was supplemented by the direct enumeration of all households in approximately 6,400 sample segments in rural areas in all States, except Alaska and Hawaii. Due to budget reductions, the direct enumeration area sample was eliminated for 1982.

The U.S. region, and State data for 1978 shown in the 1978 Census of Agriculture publications included data for farms represented on the mail list plus estimates from the area sample for farms not on the mail list. The 1978 county data included only farms represented on the mail list as the sample was not large enough to provide reliable estimates for each county.

To provide comparable data for 1982 and 1978, estimates from the 1978 area sample have been subtracted from the 1978 data. Thus, the 1978 data in this report include only farms represented on the mail list. Appendix B includes a detailed discussion of the effect of the area sample on census comparability.

In general, data for 1982, 1978, and 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition. Data on acreages and inventories for 1982 and 1978 are generally comparable. Dollar figures shown for expenses and agricultural product sales have not been adjusted for changes in price levels between census years.

TABULAR PRESENTATION

State data—In chapter 1, State tables 1 through 43 show detailed State level data usually accompanied by historical data for one or more past censuses. Tables 44 through 50 provide 1982 State data cross-tabulated by various farm classifications.

County data—Selected data items are presented by county in chapter 2. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the

column headings. In tables 17 through 36, only counties reporting the data item are included in the table stub. Counties not having the item, or with a limited number of farms reporting the item, are not listed separately. Data for these counties are combined and presented as "all other counties."

PRELIMINARY REPORTS

Preliminary reports have been published separately for each county with 10 farms or more in 1982, each State, and the United States. This series provided, at the earliest possible date, information on major data items together with comparable final data from the 1978 census. The data items were standard except in tables 4 and 5 where the selected crops varied by State according to their relative importance.

For farms, land in farms, livestock inventories, and other major items at the county level, differences between the preliminary and final figures are generally less than 5 percent. At the State level, differences are significantly less.

MICROFICHE AND COMPUTER TAPES

The data in this report and final data for individual counties are available on microfiche. The final microfiche county tables have the same format as the county preliminary report. Also, computer tapes are available for the same summary statistics that are found in the preliminary and volume 1 reports. Microfiche reports are sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Computer tapes are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

UNPUBLISHED DATA

Copies of computer printouts of the following unpublished county summary tables are available:

Land in Farms With Cropland Harvested and Land in Farms and Cropland Harvested on Irrigated Farms, by Size of Farm: 1982
Owned and Rented Land—Farms, Land in Farms, and Value of Land and Buildings: 1982
Farms With Grazing Permits: 1982

Other special unpublished tables and summaries on computer tape can be developed to individual user specifications. Inquiries about the availability and cost of unpublished tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a disclosure, so this information may be given even though other information is withheld.

DEFINITIONS AND EXPLANATIONS

Appendix A includes definitions and explanations of selected terms used in the tables.

"SEE TEXT" REFERENCE

Items in the tables which are followed by the reference "see text" are explained or defined in appendix A.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

—	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
(NA)	Not available.
(IC)	Independent city.
cwt.	Hundredweight.
sq. ft.	Square feet.

MICHIGAN

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

Highlights of the State's Agriculture: 1982 and 1978

(Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text)

Item		All farms			Farms with sales of $10,000 or more		
		1982	1978	Percent change from 1978 to 1982	1982	1978	Percent change from 1978 to 1982
Ferms	number	58 661	60 426	-2.9	28 432	27 341	4.0
Land in farms	acres	10 942 172	11 038 419	-.9	8 714 677	8 192 175	6.4
Average size of farm	acres	187	183	2.2	307	300	2.3
Value of land and buildings[1]:							
Average per farm	dollars	228 238	175 171	30.3	378 401	292 994	29.1
Average per acre	dollars	1 223	960	27.4	1 230	983	25.1
Farms by size:							
1 to 9 acres		2 714	1 972	37.6	547	461	18.7
10 to 49 acres		14 300	12 627	13.2	1 712	1 427	20.0
50 to 179 acres		23 336	26 479	-11.9	10 071	9 118	10.5
180 to 499 acres		13 539	15 035	-10.0	11 474	12 199	-5.9
500 to 999 acres		3 672	3 451	6.4	3 546	3 292	7.7
1,000 to 1,999 acres		924	747	23.7	908	733	23.9
2,000 acres or more		176	115	53.0	174	111	56.8
Harvested cropland	farms	53 738	57 294	-6.2	27 631	26 706	3.5
	acres	7 255 909	6 774 229	7.1	6 427 512	5 644 737	13.9
Irrigated lend	farms	3 179	3 157	.7	2 455	2 406	2.0
	acres	285 983	225 928	26.6	281 338	220 105	27.8
Market velue of agricultural products sold	$1,000	2 588 317	1 914 314	35.2	2 480 450	1 793 037	38.3
Crops, including nursery and greenhouse products	farms	44 046	47 613	-7.5	24 375	23 091	5.6
	$1,000	1 364 665	997 743	36.8	1 295 967	915 860	41.5
Livestock, poultry, and their products	farms	30 755	30 955	-.6	16 228	16 143	.5
	$1,000	1 223 652	916 571	33.5	1 184 484	877 177	35.0
Farms by standard industrial classification:							
Cash grains (011)		22 117	22 180	-.3	11 715	9 767	19.9
Field crops, except cash grains (013)		4 324	6 051	-28.5	1 151	1 180	-2.5
Vegetables and melons (016)		1 911	1 934	-1.2	958	970	-1.2
Fruits and tree nuts (017)		3 586	3 950	-9.2	1 856	2 099	-11.6
Horticultural specialties (018)		1 105	1 169	-5.5	684	665	2.9
General farms, primarily crop (019)		2 215	2 337	-5.2	674	713	-5.5
Livestock, except dairy, poultry, and animal specialties (021)		13 177	13 026	1.2	4 110	4 346	-5.4
Dairy farms (024)		6 575	6 913	-4.9	6 284	6 494	-3.2
Poultry and eggs (025)		594	594	-	280	363	-22.9
Animal specialties (027)		2 327	1 459	59.5	339	255	32.9
General farms, primarily livestock (029)		730	813	-10.2	381	489	-22.1
Farms by type of organization:							
Individual or family		52 022	53 931	-3.5	23 563	22 886	3.0
Partnership		5 495	5 635	-2.5	3 983	3 792	5.0
Corporation		947	699	35.5	819	615	33.2
Other—cooperative, estate or trust, institutional, etc.		197	161	22.4	67	48	39.6
Tenure of operator:							
Full owners		35 489	37 025	-4.1	11 938	11 317	5.5
Part owners		19 523	19 570	-.2	14 490	14 112	2.7
Tenants		3 649	3 831	-4.8	2 004	1 912	4.8
Operators by principal occupation:							
Farming		30 107	29 296	2.8	21 328	20 197	5.6
Other		28 554	31 130	-8.3	7 104	7 144	-.6
Selected farm production expenses[1]:							
Feed for livestock and poultry	$1,000	254 964	179 958	41.7	241 267	169 003	42.8
Commercial fertilizer	$1,000	242 091	173 192	39.8	228 331	154 878	47.4
Other agricultural chemicals[2]	$1,000	114 159	67 558	69.0	108 087	61 268	76.4
Energy and petroleum products	$1,000	228 553	128 428	78.0	207 035	109 730	88.7
Hired farm labor	$1,000	186 312	136 868	36.1	179 495	130 610	37.4
Livestock and poultry inventory:							
Cattle and calves	farms	25 657	25 293	1.4	13 284	13 022	2.0
	number	1 345 793	1 248 623	7.8	1 167 528	1 072 443	8.9
Milk cows	farms	9 142	9 867	-7.3	7 431	7 742	-4.0
	number	398 211	377 999	5.3	391 050	367 968	6.3
Hogs and pigs	farms	7 433	8 572	-13.3	4 169	4 347	-4.1
	number	1 064 073	931 240	14.3	1 007 780	837 591	20.3
Chickens 3 months old or older	farms	5 788	6 146	-5.8	1 764	1 964	-10.2
	number	7 572 108	7 011 188	8.0	7 415 006	6 824 328	8.7
Crops harvested:							
Corn for grain or seed	farms	30 792	33 676	-8.6	20 242	19 609	3.2
	acres	2 568 541	2 337 985	9.9	2 386 819	2 052 150	16.3
Wheat for grain	farms	15 416	13 966	10.4	11 150	8 975	24.2
	acres	513 445	370 398	38.6	453 529	303 907	49.2
Soybeans for beans	farms	14 905	13 914	7.1	9 972	8 250	20.9
	acres	1 122 617	888 449	26.4	1 001 445	739 034	35.5
Dry edible beans, excluding dry limas	farms	5 841	5 218	11.9	4 750	3 909	21.5
	acres	502 275	441 925	13.7	478 959	406 930	17.7
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	28 522	32 863	-13.2	14 091	14 988	-6.0
	acres	1 365 495	1 561 452	-12.5	1 037 167	1 107 464	-6.3
Vegetables harvested for sale (see text)	farms	3 634	3 793	-4.2	2 102	2 173	-3.3
	acres	126 248	119 287	5.8	118 910	110 383	7.7
Land in orchards	farms	4 280	4 722	-9.4	2 093	2 407	-13.0
	acres	165 238	169 413	-2.5	148 000	152 063	-2.7

[1]Data are based on a sample of farms.
[2]Data for 1978 include the cost of lime which was not collected in 1982.

Table 1. Farms, Land in Farms, and Land Use: 1982 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms	1982	1978	1974	1969	1964	1959	1954	1950
FARMS AND LAND IN FARMS								
Farms—number	58 661	60 426	64 094	77 946	93 504	111 817	138 922	155 589
Land in farms—acres	10 942 172	11 038 419	10 832 234	11 900 689	13 598 992	14 782 507	16 466 750	17 269 992
Average size of farm—acres	187	183	169	153	145	132	119	111
Approximate land area—acres	36 450 534	36 366 720	36 362 688	36 362 688	36 492 160	36 492 160	36 494 080	36 494 080
Proportion in farms—percent	30.0	30.4	29.8	32.7	37.3	40.5	45.1	47.3
Value of land and buildings[1]:								
Average per farm—dollars	228 238	175 171	93 435	49 821	34 027	25 535	15 800	10 935
Average per acre—dollars	1 223	960	553	326	233	193	133	99
Farms by value of land and buildings:								
$1 to $9,999	977	779	2 201	7 829	14 933	(NA)	(NA)	(NA)
$10,000 to $19,999	1 426	2 704	5 924	15 442	25 829	(NA)	(NA)	(NA)
$20,000 to $39,999	4 535	7 458	15 239	24 748	28 135	(NA)	(NA)	(NA)
$40,000 to $69,999	10 011	12 753	15 667	15 325	14 528	(NA)	(NA)	(NA)
$70,000 to $99,999	8 963	8 576	7 648	6 121	5 003	(NA)	(NA)	(NA)
$100,000 to $149,999	8 794	8 266	6 905	4 292	3 010	(NA)	(NA)	(NA)
$150,000 to $199,999	5 823	4 939	3 608	1 845	1 054	(NA)	(NA)	(NA)
$200,000 to $499,999	12 050	10 795	5 717	2 012	923	(NA)	(NA)	(NA)
$500,000 to $999,999	4 089	3 014	1 185	332	89	(NA)	(NA)	(NA)
$1,000,000 or more	1 993	1 141						
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms	56 321	59 080	62 914	75 656	91 560	108 922	134 118	150 573
acres	8 458 021	8 382 317	8 005 478	8 580 391	9 454 589	9 956 811	10 788 098	11 043 142
Harvested cropland—farms	53 738	57 294	60 836	70 605	87 947	104 712	126 757	144 239
acres	7 255 909	6 774 229	6 317 638	5 501 729	6 738 032	7 154 811	7 658 801	7 797 346
Farms by acres harvested:								
1 to 49 acres	24 114	25 865	28 007	37 108	42 816	52 636	67 536	81 831
1 to 9 acres	5 962	4 775	4 989	7 654	9 458	11 387	16 960	21 132
10 to 19 acres	6 146	6 449	6 837	9 546	9 974	12 187	14 033	16 950
20 to 29 acres	4 785	5 669	6 112	7 926	8 757	10 495	13 043	15 593
30 to 49 acres	7 221	8 972	10 069	11 982	14 627	18 567	23 500	28 156
50 to 99 acres	10 561	12 146	13 944	15 893	22 213	28 786	36 431	42 037
100 to 199 acres	8 685	9 549	10 310	11 332	16 273	18 157	18 970	17 735
200 to 499 acres	7 476	7 626	7 074	5 730	6 311	4 923	3 691	2 550
500 to 999 acres	2 269	1 726	1 283	493	307	196	123	77
1,000 acres or more	633	382	218	43	27	14	6	9
1,000 to 1,999 acres	543	342	195	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more	90	40	23	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing—farms	18 410	19 744	25 323	32 241	40 577	53 174	75 259	85 404
acres	566 151	698 168	909 389	1 090 891	1 147 426	1 398 495	1 912 374	1 982 565
Other cropland—farms	20 911	28 276	24 513	50 388	52 728	52 656	57 478	58 736
acres	635 961	909 920	778 451	1 987 771	1 569 131	1 403 505	1 216 923	1 263 231
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms	5 475	8 793	(NA)	(NA)	25 379	18 207	(NA)	(NA)
acres	132 931	206 580	(NA)	(NA)	639 219	392 317	(NA)	(NA)
Cropland on which all crops failed—farms	2 802	3 535	(NA)	(NA)	6 187	(NA)	(NA)	(NA)
acres	55 721	72 314	(NA)	(NA)	85 964	(NA)	(NA)	(NA)
Cropland in cultivated summer fallow—farms	5 101	7 496	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres	113 569	173 923	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland idle—farms	12 862	16 918	(NA)	(NA)	34 447	(NA)	42 773	(NA)
acres	333 740	457 103	(NA)	(NA)	843 948	(NA)	867 715	(NA)
Total woodland—farms	31 636	33 401	35 034	45 809	59 084	71 005	85 667	95 838
acres	1 430 370	1 501 983	1 535 092	1 843 581	2 479 395	2 843 685	3 416 323	3 720 868
Woodland pastured—farms	7 410	8 436	(NA)	(NA)	22 527	30 595	47 437	60 812
acres	269 311	332 498	(NA)	(NA)	908 090	1 136 770	1 741 731	2 144 821
Woodland not pastured—farms	27 495	28 276	(NA)	(NA)	45 177	51 397	51 470	51 427
acres	1 161 059	1 169 485	(NA)	(NA)	1 571 305	1 706 915	1 674 592	1 576 047
Other land—farms	45 333	46 381	51 016	62 391	(NA)	(NA)	(NA)	(NA)
acres	1 053 781	1 154 119	1 291 664	1 476 717	1 665 008	1 982 011	2 262 329	2 505 982
Pastureland and rangeland other than cropland and woodland pastured—farms	6 941	6 986	(NA)	(NA)	17 651	23 437	31 990	39 350
acres	253 471	320 464	(NA)	(NA)	576 808	692 618	937 395	1 101 459
Land in house lots, ponds, roads, wasteland, etc.—farms	44 187	45 175	(NA)	(NA)	89 572	(NA)	134 356	148 922
acres	800 310	833 655	(NA)	(NA)	1 088 200	1 289 393	1 324 934	1 404 523
Irrigated land—farms	3 179	3 157	2 036	2 150	2 041	1 909	1 408	995
acres	285 983	225 928	96 839	77 097	48 991	40 178	23 473	13 901

[1]Data for 1982, 1978, and 1950 through 1964 are based on a sample of farms.

Table 2. **Irrigation: 1982, 1978, and 1974**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	1982	1978	1974
Farms ---- number	3 179	3 157	2 036
Proportion of farms ---- percent	5.4	5.2	3.2
Irrigated land ---- acres	285 983	225 928	96 839
Average per farm ---- acres	90	72	48
Acres irrigated:			
1 to 9 acres ---- farms	1 209	1 220	918
acres	3 719	4 033	(NA)
10 to 49 acres ---- farms	814	844	635
acres	19 482	19 216	(NA)
50 to 99 acres ---- farms	389	418	232
acres	26 593	29 214	(NA)
100 to 199 acres ---- farms	402	375	153
acres	54 954	49 847	(NA)
200 to 499 acres ---- farms	263	239	79
acres	78 855	70 059	(NA)
500 to 999 acres ---- farms	76	47	13
acres	51 380	30 068	(NA)
1,000 acres or more ---- farms	26	14	6
acres	51 000	23 491	(NA)

Farms with irrigation	1982	1978	1974
Irrigated land use:			
Harvested cropland ---- farms	3 150	3 101	(NA)
acres	284 047	222 666	(NA)
Pastureland and other land ---- farms	93	(NA)	(NA)
acres	1 936	3 262	(NA)
Land in irrigated farms ---- acres	1 043 485	897 976	452 953
Cropland ---- acres	827 897	695 807	(NA)
Harvested cropland ---- acres	738 758	589 253	273 736
Principal source of irrigation water (see text):			
Wells on farm ---- farms	1 538	(NA)	(NA)
irrigated acres	160 259	(NA)	(NA)
Wells as only source ---- farms	1 313	(NA)	(NA)
irrigated acres	95 772	(NA)	(NA)
On-farm surface supply ---- farms	1 504	(NA)	(NA)
irrigated acres	112 300	(NA)	(NA)
On-farm surface supply as only source ---- farms	1 338	(NA)	(NA)
irrigated acres	86 701	(NA)	(NA)
Off-farm water suppliers ---- farms	137	(NA)	(NA)
irrigated acres	13 424	(NA)	(NA)
Off-farm water suppliers as only source ---- farms	125	(NA)	(NA)
irrigated acres	12 727	(NA)	(NA)

Table 3. **Selected Characteristics of Irrigated and Nonirrigated Farms: 1982 and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms: Any land irrigated		Irrigated farms: All harvested cropland irrigated		Nonirrigated farms	
	1982	1978	1982	1978	1982	1978	1982	1978
Farms ---- number	58 661	60 426	3 179	3 157	1 042	965	55 482	57 269
Land in farms ---- acres	10 942 172	11 038 419	1 043 485	897 976	93 795	98 198	9 898 687	10 140 443
Value of land and buildings[1]:								
Average per farm ---- dollars	228 238	175 171	469 148	329 992	224 782	184 719	213 823	166 376
Average per acre ---- dollars	1 223	960	1 461	1 164	2 438	1 863	1 197	942
Irrigated land ---- acres	285 983	225 928	285 983	225 928	47 766	48 309	(X)	(X)
Land in farms according to use:								
Total cropland ---- farms	56 321	59 080	3 179	3 156	1 042	965	53 142	55 924
acres	8 458 021	8 382 317	827 897	695 807	61 956	65 890	7 630 124	7 686 510
Harvested cropland ---- farms	53 738	57 294	3 173	3 145	1 042	965	50 565	54 149
acres	7 255 909	6 774 229	738 758	589 253	47 032	46 718	6 517 151	6 184 976
Pastureland, excluding woodland pastured ---- farms	23 092	24 172	666	702	132	128	22 426	23 470
acres	819 622	1 018 632	41 469	39 225	3 427	3 178	778 153	979 407
Inventory of livestock:								
Cattle and calves ---- farms	25 657	25 293	598	587	61	48	25 059	24 706
number	1 345 793	1 248 623	82 629	67 279	1 847	1 536	1 263 164	1 181 344
Milk cows ---- farms	9 142	9 867	200	239	9	12	8 942	9 628
number	398 211	377 999	17 734	17 704	506	467	380 477	360 295
Hogs and pigs ---- farms	7 433	8 572	286	293	32	39	7 147	8 279
number	1 064 073	931 240	168 795	97 570	6 324	4 864	895 278	833 670
Sheep and lambs ---- farms	2 401	1 975	52	43	12	4	2 349	1 932
number	115 517	97 185	2 980	1 958	315	54	112 537	95 227
Estimated market value of all machinary and equipment[1] ---- farms	58 549	60 325	3 312	3 248	1 099	1 044	55 237	57 077
$1,000	2 676 343	1 988 471	328 438	226 943	55 567	43 098	2 347 906	1 761 527
Average per farm ---- dollars	45 711	32 963	99 166	69 872	50 561	41 281	42 506	30 862
Market value of agricultural products sold ---- $1,000	2 588 317	1 914 314	528 380	369 016	102 676	98 201	2 059 937	1 545 299
Average per farm ---- dollars	44 123	31 680	166 209	116 888	98 537	101 763	37 128	26 983
Crops, including nursery and greenhouse products ---- farms	44 046	47 613	3 082	3 044	1 005	936	40 964	44 569
$1,000	1 364 665	997 743	417 773	307 221	100 214	96 330	946 892	690 522
Livestock, poultry, and their products ---- farms	30 755	30 955	854	897	112	105	29 901	30 058
$1,000	1 223 652	916 571	110 607	61 794	2 462	1 871	1 113 045	854 777
Poultry and poultry products ---- farms	3 100	3 053	115	140	33	28	2 985	2 913
$1,000	101 375	78 304	16 694	4 996	248	449	84 682	73 308
Selected farm production expenses[1]:								
Feed for livestock and poultry ---- farms	27 182	28 674	868	873	143	138	26 314	27 801
$1,000	254 964	179 958	28 232	11 527	941	452	226 732	168 430
Seeds, bulbs, plants, and trees ---- farms	41 846	45 648	2 580	2 771	710	736	39 266	42 877
$1,000	105 161	79 794	27 061	21 352	5 327	6 674	78 100	58 442
Commercial fertilizer ---- farms	43 009	48 523	3 050	2 989	885	877	39 959	45 534
$1,000	242 091	173 192	36 788	23 208	3 223	2 980	205 302	149 984
Other agricultural chemicals[2] ---- farms	37 506	43 904	3 040	2 992	892	924	34 466	40 912
$1,000	114 159	67 558	27 362	14 588	3 250	1 820	86 797	52 970
Energy and petroleum products ---- farms	58 436	60 148	3 312	3 248	1 099	1 044	55 124	56 900
$1,000	228 553	128 428	43 788	23 750	11 692	8 491	184 765	104 678
Hired farm labor ---- farms	21 564	22 285	2 292	2 202	670	645	19 272	20 083
$1,000	186 312	136 868	77 584	57 165	20 475	19 638	108 728	79 703
Contract labor ---- farms	2 510	3 235	347	393	85	123	2 163	2 842
$1,000	14 445	12 412	7 000	5 207	1 438	1 125	7 445	7 205
Interest expense ---- farms	27 193	(NA)	2 144	(NA)	531	(NA)	25 049	(NA)
$1,000	273 637	(NA)	51 146	(NA)	6 473	(NA)	222 491	(NA)

[1]Data are based on a sample of farms; see text.
[2]Data for 1978 include the cost of lime which was not collected in 1982.

Table 4. Farms, Land in Farms, and Land Use, by Size of Farm: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1982	1978	1982	1978	1982	1978	1982	1978
Farms ---- number	58 661	60 426	10 942 172	11 038 419	7 255 909	6 774 229	285 983	225 928
with harvested cropland	53 738	57 294	10 704 731	10 866 658	7 255 909	6 774 229	285 965	225 825
with irrigated land	3 179	3 157	1 043 485	897 976	738 758	589 253	285 983	225 928
Farms by size:								
1 to 9 acres ---- number	2 714	1 972	11 720	8 121	4 452	3 773	592	539
with harvested cropland	1 372	1 143	6 968	5 723	4 452	3 773	585	539
with irrigated land	290	263	1 362	1 228	646	648	592	539
10 to 49 acres ---- number	14 300	12 627	406 101	382 455	201 906	204 424	4 814	4 652
with harvested cropland	12 022	11 303	351 882	348 696	201 906	204 424	4 803	4 611
with irrigated land	678	632	17 404	17 206	7 774	7 509	4 814	4 652
50 to 69 acres ---- number	4 388	4 653	256 149	272 197	133 341	147 958	2 819	2 989
with harvested cropland	4 050	4 443	236 605	260 039	133 341	147 958	2 819	2 959
with irrigated land	177	198	10 346	11 575	5 236	5 611	2 819	2 989
70 to 99 acres ---- number	7 712	8 917	629 467	727 202	340 989	382 622	5 463	5 843
with harvested cropland	7 341	8 619	599 432	703 086	340 989	382 622	5 463	5 823
with irrigated land	240	284	19 791	23 274	9 990	12 188	5 463	5 843
100 to 139 acres ---- number	6 398	7 351	747 096	856 492	424 929	458 877	5 830	7 541
with harvested cropland	6 171	7 191	720 991	838 053	424 929	458 877	5 830	7 541
with irrigated land	216	248	25 279	29 107	13 496	15 277	5 830	7 541
140 to 179 acres ---- number	4 838	5 558	762 308	874 775	437 686	473 861	8 392	5 951
with harvested cropland	4 710	5 442	742 234	856 726	437 686	473 861	8 392	5 940
with irrigated land	189	189	30 031	29 786	17 479	16 047	8 392	5 951
180 to 219 acres ---- number	3 508	3 821	692 065	753 306	420 054	428 979	10 182	8 670
with harvested cropland	3 431	3 773	676 832	743 920	420 054	428 979	10 182	8 670
with irrigated land	176	170	34 718	33 337	22 760	19 744	10 182	8 670
220 to 259 acres ---- number	2 671	3 007	633 813	713 811	399 227	424 858	8 241	8 704
with harvested cropland	2 623	2 952	622 506	700 775	399 227	424 858	8 241	8 703
with irrigated land	120	140	28 509	33 286	19 237	21 471	8 241	8 704
260 to 499 acres ---- number	7 360	8 207	2 605 043	2 884 146	1 760 011	1 835 945	40 729	43 625
with harvested cropland	7 283	8 134	2 578 788	2 859 720	1 760 011	1 835 945	40 729	43 625
with irrigated land	428	473	155 900	169 327	106 887	111 403	40 729	43 625
500 to 999 acres ---- number	3 672	3 451	2 466 606	2 276 721	1 821 398	1 536 246	85 333	68 526
with harvested cropland	3 641	3 435	2 447 018	2 266 267	1 821 398	1 536 246	85 333	68 526
with irrigated land	433	385	301 927	263 987	226 917	181 756	85 333	68 526
1,000 to 1,999 acres ---- number	924	747	1 196 276	949 779	913 808	666 749	61 456	41 547
with harvested cropland	919	745	1 189 547	947 239	913 808	666 749	61 456	41 547
with irrigated land	179	137	234 290	174 918	175 746	121 008	61 456	41 547
2,000 acres or more ---- number	176	115	535 528	339 414	398 108	209 937	52 132	27 341
with harvested cropland	175	114	531 928	336 414	398 108	209 937	52 132	27 341
with irrigated land	53	38	183 928	110 945	132 590	76 591	52 132	27 341
5,000 acres or more ---- number	13	8	100 120	63 971	71 127	29 255	19 630	6 157
with harvested cropland	13	8	100 120	63 971	71 127	29 255	19 630	6 157
with irrigated land	8	3	65 691	23 066	46 489	16 723	19 630	6 157

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982, 1978, and 1974

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms			Farms operated by Black and other races[1]		
	1982	1978	1974	1982	1978	1974
Tenure of operator:						
All operators ---- farms	58 661	60 426	64 094	308	321	270
acres	10 942 172	11 038 419	10 832 234	35 617	36 897	31 356
Harvested cropland ---- farms	53 738	57 294	60 836	259	287	242
acres	7 255 909	6 774 229	6 317 638	16 632	19 880	15 143
Full owners ---- farms	35 489	37 025	42 867	218	225	204
acres	3 989 535	4 256 235	4 976 754	20 870	17 098	17 449
Harvested cropland ---- farms	31 141	34 236	39 931	179	196	179
acres	2 024 526	2 051 593	2 342 421	7 472	7 202	6 846
Part owners ---- farms	19 523	19 570	17 973	65	75	58
acres	6 413 590	6 174 446	5 343 554	12 469	17 585	12 621
Harvested cropland ---- farms	19 160	19 384	17 778	58	74	56
acres	4 806 741	4 274 641	3 617 903	7 587	11 029	7 195
Tenants ---- farms	3 649	3 831	3 254	25	21	8
acres	539 047	607 738	511 926	2 278	2 214	1 286
Harvested cropland ---- farms	3 437	3 674	3 127	22	17	7
acres	424 642	447 995	357 314	1 573	1 649	1 102
Percent of tenancy ---- percent	6.2	6.3	5.1	8.1	6.5	3.0
Operator characteristics:						
Operators by place of residence[2]:						
On farm operated	47 559	48 475	48 874	233	264	199
Not on farm operated	6 651	6 709	6 342	57	38	40
Not reported	4 451	5 242	8 878	18	19	31
Operators by principal occupation[2]:						
Farming	30 107	29 296	34 438	127	131	112
Other	28 554	31 130	29 164	181	190	158
Operators by days of work off farm[2]:						
None	21 350	21 888	19 760	90	102	56
Any	33 579	36 289	34 349	196	203	181
1 to 49 days	3 362	3 797	3 309	17	16	9
50 to 99 days	1 656	1 657	1 622	17	7	16
100 to 149 days	1 964	1 790	1 863	17	17	11
150 to 199 days	3 416	2 991	3 006	14	25	17
200 days or more	23 181	26 054	24 549	131	138	128
Not reported	3 732	2 249	9 493	22	16	33

See footnotes at end of table.

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982, 1978, and 1974—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms			Farms operated by Black and other races[1]		
	1982	1978	1974	1982	1978	1974
Operator characteristics—Con.						
Operators by years on present farm:						
2 years or less	2 895	(NA)	(NA)	37	(NA)	(NA)
3 or 4 years	4 758	(NA)	(NA)	36	(NA)	(NA)
5 to 9 years	9 195	(NA)	(NA)	63	(NA)	(NA)
10 years or more	31 647	(NA)	(NA)	112	(NA)	(NA)
Average years on present farm	18.5	(NA)	(NA)	11.8	(NA)	(NA)
Not reported	10 166	(NA)	(NA)	60	(NA)	(NA)
Operators by age group[2]:						
Under 25 years	1 630	1 585	1 421	7	6	5
25 to 34 years	7 874	7 697	7 148	36	34	45
35 to 44 years	13 278	12 856	12 237	68	66	53
45 to 54 years	13 422	14 922	16 203	73	83	66
55 to 64 years	13 356	14 461	16 141	80	76	50
65 years and over	9 101	8 905	10 452	44	56	51
Average age	49.5	49.7	50.9	50.1	50.9	49.1
Operators by sex:						
Male—farms	56 194	58 181	(NA)	286	293	(NA)
Male—acres	10 687 623	10 785 439	(NA)	34 198	33 373	(NA)
Female—farms	2 467	2 245	(NA)	22	28	(NA)
Female—acres	254 549	252 980	(NA)	1 419	3 524	(NA)
Operators of Spanish origin—farms	116	182	(NA)	28	19	(NA)
Operators of Spanish origin—acres	14 496	31 400	(NA)	1 404	1 788	(NA)
Type of organization:						
Individual or family—farms	52 022	53 931	(NA)	281	295	(NA)
Individual or family—acres	8 462 560	8 816 357	(NA)	27 418	30 463	(NA)
Partnership—farms	5 495	5 635	(NA)	22	23	(NA)
Partnership—acres	1 899 339	1 798 138	(NA)	3 181	3 206	(NA)
Corporation—farms	947	699	(NA)	-	2	(NA)
Corporation—acres	519 299	374 072	(NA)	-	(D)	(NA)
Family held:						
More than 10 stockholders—farms	28	14	(NA)	-	-	(NA)
More than 10 stockholders—acres	28 913	16 049	(NA)	-	-	(NA)
10 or less stockholders—farms	823	592	(NA)	-	2	(NA)
10 or less stockholders—acres	452 739	309 001	(NA)	-	(D)	(NA)
Other than family held:						
More than 10 stockholders—farms	7	11	(NA)	-	-	(NA)
More than 10 stockholders—acres	1 949	16 191	(NA)	-	-	(NA)
10 or less stockholders—farms	89	82	(NA)	-	-	(NA)
10 or less stockholders—acres	35 698	32 831	(NA)	-	-	(NA)
Other—cooperative, estate or trust, institutional, etc.—farms	197	161	(NA)	5	1	(NA)
Other—cooperative, estate or trust, institutional, etc.—acres	60 974	49 852	(NA)	5 018	(D)	(NA)

[1]For classification of social and ethnic groups, see text.
[2]1974 date apply only to individual or family operations (sole proprietorship) and partnerships; see text.

Table 6. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Female	Spanish origin	Black and other races				
				Total	Black	American Indian	Asian	Other (see text)
FARMS AND LAND IN FARMS								
Farms—number	1982	2 467	116	308	185	73	19	31
	1978	2 245	182	321	188	58	13	62
Land in farms—acres	1982	254 549	14 496	35 617	19 974	8 178	5 303	2 162
	1978	252 980	31 400	36 897	19 787	9 519	1 033	6 558
Harvested cropland—farms	1982	1 986	101	259	155	61	13	30
	1978	1 995	171	287	164	55	13	55
Harvested cropland—acres	1982	121 609	8 447	16 632	9 226	3 758	2 261	1 387
	1978	116 162	18 913	19 880	10 523	5 235	782	3 340
1982 FARMS BY SIZE								
1 to 9 acres		221	8	19	12	2	3	2
10 to 49 acres		899	45	138	85	30	7	16
50 to 139 acres		787	36	81	48	21	5	7
140 to 219 acres		293	13	35	17	12	2	4
220 to 499 acres		216	10	27	17	7	1	2
500 acres or more		51	4	8	6	1	1	-
TENURE OF OPERATOR								
Full owners—farms	1982	1 952	87	218	128	49	16	25
	1978	(NA)	111	225	138	38	10	39
Full owners—acres	1982	161 202	7 083	20 870	9 869	4 296	5 282	1 423
	1978	(NA)	11 572	17 098	10 127	3 231	939	2 801
Part owners—farms	1982	425	20	65	42	20	-	3
	1978	(NA)	63	75	35	16	2	22
Part owners—acres	1982	87 458	7 095	12 469	8 575	3 424	-	470
	1978	(NA)	18 544	17 585	8 220	(D)	(D)	(D)
Tenants—farms	1982	90	9	25	15	4	3	3
	1978	(NA)	8	21	15	4	1	1
Tenants—acres	1982	5 889	318	2 278	1 530	458	21	269
	1978	(NA)	1 284	2 214	1 440	(D)	(D)	(D)

Table 6. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Female	Spanish origin	Black and other races				
				Total	Black	American Indian	Asian	Other (see text)
1982 FARMS BY TYPE OF ORGANIZATION								
Individual or family		2 204	106	281	169	71	14	27
Partnership		217	8	22	13	1	4	4
Family held corporation		28	1	-	-	-	-	-
Other than family held corporation		4	-	-	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.		14	1	5	3	1	1	-
1982 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	2 467	116	308	185	73	19	31
	$1,000	46 104	2 487	5 628	2 913	1 259	1 063	392
Crops, including nursery and greenhouse products	farms	1 445	82	201	127	38	12	24
	$1,000	21 599	1 524	2 473	1 365	761	57	291
Livestock, poultry, and their products	farms	1 294	57	166	97	48	9	12
	$1,000	24 505	963	3 154	1 548	499	1 006	101
Farms by value of sales:								
Less than $2,500		946	35	111	62	30	9	10
$2,500 to $9,999		791	41	108	69	25	2	12
$10,000 to $19,999		308	14	44	30	5	5	4
$20,000 or more		422	26	42	23	12	2	5
Abnormal farms		-	-	3	1	1	1	-
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		538	32	92	66	14	3	9
Field crops, except cash grains (013)		238	9	15	6	7	1	1
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		238	9	15	6	7	1	1
Vegetables and melons (016)		111	11	21	10	2	4	5
Fruits and tree nuts (017)		203	16	42	29	6	-	7
Horticultural specialties (018)		72	5	1	-	1	-	-
General farms, primarily crop (019)		110	4	6	3	1	-	2
Livestock, except dairy, poultry, and animal specialties (021)		587	23	100	58	30	6	6
Beef cattle, except feedlots (0212)		260	9	31	16	11	4	-
Dairy farms (024)		182	9	11	5	2	4	-
Poultry and eggs (025)		40	2	6	2	3	-	1
Animal specialties (027)		350	3	9	3	6	-	-
General farms, primarily livestock (029)		36	2	5	3	1	1	-
1982 OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		2 084	99	233	137	59	12	25
Not on farm operated		195	15	57	32	12	7	6
Not reported		188	2	18	16	2	-	-
Operators by principal occupation:								
Farming		1 342	42	127	84	26	3	14
Other		1 125	74	181	101	47	16	17
Operators by days of work off farm:								
None		1 187	28	90	65	14	5	6
Any		1 079	85	196	103	55	14	24
1 to 99 days		190	13	34	18	7	2	7
100 to 199 days		224	11	31	19	9	1	2
200 days or more		665	61	131	66	39	11	15
Not reported		201	3	22	17	4	-	1
Operators by years on present farm:								
2 years or less		156	11	37	18	7	6	6
3 or 4 years		260	15	36	22	9	3	2
5 to 9 years		414	28	63	29	20	7	7
10 years or more		1 164	54	112	69	28	3	12
Average years on present farm		17.9	13.0	11.8	13.5	10.9	6.5	8.6
Not reported		473	8	60	47	9	-	4
Operators by age group:								
Under 25 years		30	1	7	4	2	-	1
25 to 34 years		256	22	36	12	13	3	8
35 to 44 years		526	30	68	35	20	6	7
45 to 54 years		474	22	73	33	24	8	8
55 to 64 years		564	33	80	60	13	2	5
65 years and over		617	8	44	41	1	-	2
Average age		53.2	47.7	50.1	53.8	44.4	42.4	45.5
Operators by sex:								
Male		(X)	107	286	170	68	18	30
Female		2 467	9	22	15	5	1	1
Operators of Spanish origin		9	116	28	-	2	-	26
1982 COMMODITY CREDIT CORPORATION LOANS AND DIRECT SALES								
Amount received from Commodity Credit Corporation loans	farms	40	7	10	6	3	-	1
	$1,000	647	87	204	(D)	144	-	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	351	20	49	28	13	2	6
	$1,000	1 001	87	114	32	53	(D)	(D)

Table 7. Selected Farm Production Expenses: 1982, 1978, and 1974

[For meaning of abbreviations and symbols, see introductory text]

Item	1982[1] Farms	1982[1] Expenses ($1,000)	1978[1]	1974
Livestock and poultry purchased ---- farms	16 849	(X)	18 301	21 054
$1,000	(X)	170 034	145 691	105 358
Farms with expenses of—				
$1 to $499	5 229	1 119	6 644	9 405
$500 to $999	2 849	1 986	2 805	3 254
$1,000 to $4,999	5 016	10 851	5 104	5 264
$5,000 to $9,999	1 395	9 455	1 439	1 309
$10,000 to $14,999	547	6 604	564	836
$15,000 to $19,999	349	5 838	363	
$20,000 to $29,999	441	10 364	463	
$30,000 to $39,999	278	9 367	231	
$40,000 to $49,999	133	5 738	140	986
$50,000 to $79,999	238	14 564	248	
$80,000 or more	374	94 147	300	
Feed for livestock and poultry -- farms	27 182	(X)	28 674	33 153
$1,000	(X)	254 964	179 958	150 759
Farms with expenses of—				
$1 to $499	7 412	1 707	9 542	14 035
$500 to $999	3 930	2 706	4 447	4 517
$1,000 to $4,999	8 307	18 386	8 197	8 970
$5,000 to $9,999	2 491	17 658	2 825	2 592
$10,000 to $14,999	1 392	16 790	1 279	1 618
$15,000 to $19,999	917	15 542	658	
$20,000 to $29,999	929	22 019	641	
$30,000 to $39,999	570	19 304	320	1 421
$40,000 to $79,999	804	43 137	502	
$80,000 or more	430	97 714	263	
Commercially mixed formula feeds ---- farms	14 434	(X)	13 999	22 125
$1,000	(X)	153 703	106 272	98 139
Farms by tons purchased:				
1 to 49 tons	11 799	(X)	11 985	19 956
50 to 99 tons	1 250	(X)	1 056	1 061
100 to 199 tons	681	(X)	466	586
200 to 499 tons	454	(X)	314	341
500 to 799 tons	127	(X)	76	181
800 to 999 tons	28	(X)	18	
1,000 tons or more	95	(X)	84	
Farms with expenses of—				
$1 to $499	3 172	750	3 289	10 689
$500 to $999	1 761	1 237	1 999	2 661
$1,000 to $4,999	4 766	11 480	5 111	5 502
$5,000 to $9,999	1 919	13 469	1 767	1 421
$10,000 to $14,999	824	9 810	695	985
$15,000 to $19,999	532	9 115	293	
$20,000 to $29,999	504	11 978	275	
$30,000 to $39,999	332	11 188	141	867
$40,000 to $49,999	144	6 407	91	
$50,000 or more	480	78 268	338	
Seeds, bulbs, plants, and trees ---- farms	41 846	(X)	45 648	46 462
$1,000	(X)	105 161	79 794	52 018
Farms with expenses of—				
$1 to $499	15 318	3 526	19 747	25 775
$500 to $999	7 354	5 152	8 845	8 939
$1,000 to $4,999	14 189	31 684	13 824	10 195
$5,000 to $9,999	3 207	21 349	2 182	1 032
$10,000 to $19,999	1 229	16 088	750	521
$20,000 or more	549	27 361	300	
Commercial fertilizer ---- farms	43 009	(X)	48 523	49 851
$1,000	(X)	242 091	173 192	131 619
Farms with expenses of—				
$1 to $499	10 175	2 480	12 440	16 704
$500 to $999	6 537	4 674	8 507	9 011
$1,000 to $4,999	14 925	34 317	18 509	17 361
$5,000 to $9,999	4 867	33 206	4 699	3 962
$10,000 to $19,999	3 601	49 677	2 946	1 973
$20,000 to $29,999	1 295	30 415	754	840
$30,000 to $39,999	652	21 797	319	
$40,000 or more	957	65 525	349	
Other agricultural chemicals[2] ---- farms	37 506	(X)	43 904	34 122
$1,000	(X)	114 159	67 558	39 559
Farms with expenses of—				
$1 to $99	3 160	173	6 200	6 532
$100 to $499	10 472	2 775	15 561	13 369
$500 to $999	5 964	4 187	7 830	5 552
$1,000 to $1,999	6 080	8 361	5 970	7 166
$2,000 to $4,999	6 132	18 899	5 287	
$5,000 to $9,999	3 116	20 997	1 888	
$10,000 to $19,999	1 619	21 526	847	1 503
$20,000 or more	963	37 240	321	
Hired farm labor ---- farms	21 564	(X)	22 285	19 737
$1,000	(X)	186 312	136 868	92 002
Farms with expenses of—				
$1 to $99	1 196	63	1 573	2 543
$100 to $499	4 212	1 112	5 585	5 696
$500 to $999	3 016	2 029	3 440	2 610
$1,000 to $2,499	4 284	6 729	4 084	3 094
$2,500 to $4,999	2 912	10 176	2 617	2 052
$5,000 to $9,999	2 127	15 262	1 985	1 763
$10,000 to $19,999	1 863	25 788	1 552	1 066
$20,000 to $29,999	709	16 672	647	913
$30,000 to $49,999	599	22 223	369	
$50,000 or more	646	86 258	433	
Contract labor ---- farms	2 510	(X)	3 235	1 887
$1,000	(X)	14 445	12 412	5 370
Farms with expenses of—				
$1 to $499	576	152	1 010	730
$500 to $999	508	341	543	385
$1,000 to $4,999	908	2 079	1 232	567
$5,000 to $9,999	234	1 556	206	109
$10,000 to $19,999	135	1 777	139	96
$20,000 or more	149	8 540	105	
Customwork, machine hire, and rental of machinery and equipment ---- farms	20 674	(X)	26 193	26 679
$1,000	(X)	30 403	26 870	20 359
Farms with expenses of—				
$1 to $499	8 962	2 031	13 817	16 671
$500 to $999	4 196	2 888	5 039	4 890
$1,000 to $4,999	6 233	12 434	6 599	4 602
$5,000 to $9,999	878	5 883	518	396
$10,000 to $19,999	307	3 860	183	120
$20,000 or more	98	3 307	37	
Energy and petroleum products -- farms	58 436	(X)	60 148	(NA)
$1,000	(X)	228 553	128 428	(NA)
Farms with expenses of—				
$1 to $499	14 855	3 954	19 690	(NA)
$500 to $999	10 005	7 237	13 514	(NA)
$1,000 to $1,999	10 804	15 322	11 057	(NA)
$2,000 to $4,999	10 835	34 278	9 898	(NA)
$5,000 to $9,999	6 287	43 946	3 978	(NA)
$10,000 to $19,999	3 767	52 027	1 524	(NA)
$20,000 to $39,999	1 435	38 657	374	(NA)
$40,000 or more	448	33 132	113	(NA)
Petroleum products ---- farms	58 375	(X)	60 113	62 156
$1,000	(X)	181 320	97 893	67 528
Farms with expenses of—				
$1 to $499	19 040	4 712	24 488	29 466
$500 to $999	10 262	7 350	13 202	13 780
$1,000 to $1,999	9 595	13 623	10 228	17 136
$2,000 to $4,999	9 885	31 431	8 118	
$5,000 to $9,999	5 395	37 165	2 879	1 376
$10,000 to $19,999	2 947	40 345	933	
$20,000 to $39,999	954	25 326	193	398
$40,000 or more	297	21 367	72	
Interest expense ---- farms	27 193	(X)	(NA)	(NA)
$1,000	(X)	273 637	(NA)	(NA)
Farms with expenses of—				
$1 to $499	3 477	803	(NA)	(NA)
$500 to $999	3 070	2 166	(NA)	(NA)
$1,000 to $4,999	9 752	24 136	(NA)	(NA)
$5,000 to $9,999	4 093	28 299	(NA)	(NA)
$10,000 or more	6 801	218 234	(NA)	(NA)

[1]Data for 1982 and 1978 are based on a sample of farms.
[2]Data for 1978 and 1974 include the cost of lime which was not collected in 1982.

Table 8. Energy and Petroleum Products Expenses: 1982 and 1978

[Date are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Kind of energy	1982 Farms	1982 Expenses ($1,000)	1978 Farms	1978 Expenses ($1,000)
Gasoline and gasohol farms	53 792	(X)	56 703	(X)
$1,000	(X)	70 711	(X)	46 816
Ferms with expenses of—				
$1 to $499	23 356	5 195	29 927	6 806
$500 to $999	10 481	7 116	12 642	8 726
$1,000 to $1,999	9 581	13 035	8 515	11 583
$2,000 to $4,999	7 720	22 809	4 879	13 727
$5,000 to $9,999	2 047	12 950	615	3 901
$10,000 to $19,999	509	6 431	91	1 174
$20,000 or more	98	3 175	34	898
Diesel fuel farms	32 771	(X)	29 489	(X)
$1,000	(X)	70 978	(X)	28 826
Farms with expenses of—				
$1 to $499	11 057	2 535	15 856	3 443
$500 to $999	6 084	4 089	5 689	3 965
$1,000 to $1,999	5 653	7 730	4 243	5 697
$2,000 to $4,999	6 188	18 567	2 821	8 316
$5,000 to $9,999	2 497	16 496	710	4 484
$10,000 or more	1 292	21 561	170	2 922
LP gas, butane, and propane farms	7 811	(X)	6 687	(X)
$1,000	(X)	16 055	(X)	7 316
Farms with expenses of—				
$1 to $99	710	35	1 092	50
$100 to $499	1 966	546	2 102	535
$500 to $999	1 312	941	1 310	918
$1,000 to $2,499	1 379	1 876	1 149	1 568
$2,500 to $4,999	1 629	4 894	833	2 448
$5,000 or more	815	7 764	201	1 797
Fuel oil and kerosene[1] farms	4 420	(X)	5 611	(X)
$1,000	(X)	2 857	(X)	3 716
Farms with expenses of—				
$1 to $99	1 346	56	1 617	69
$100 to $499	1 754	401	2 638	617
$500 to $999	589	375	805	514
$1,000 to $1,999	477	607	310	392
$2,000 to $4,999	190	515	162	452
$5,000 or more	64	903	79	1 672

Kind of energy	1982 Farms	1982 Expenses ($1,000)	1978 Farms	1978 Expenses ($1,000)
Natural gas farms	1 819	(X)	1 449	(X)
$1,000	(X)	10 346	(X)	4 556
Farms with expenses of—				
$1 to $99	177	10	191	11
$100 to $499	452	123	526	140
$500 to $999	279	188	297	202
$1,000 to $1,999	209	284	117	160
$2,000 to $4,999	316	948	134	399
$5,000 or more	386	8 793	184	3 644
Motor oil and grease[1] farms	58 375	(X)	60 112	(X)
$1,000	(X)	10 372	(X)	6 663
Farms with expenses of—				
$1 to $99	32 490	1 282	39 899	1 472
$100 to $499	20 612	4 123	18 070	3 486
$500 to $999	3 606	2 221	1 687	1 016
$1,000 to $1,999	1 246	1 503	388	460
$2,000 to $4,999	378	949	61	159
$5,000 or more	43	294	7	70
Electricity farms	42 594	(X)	42 315	(X)
$1,000	(X)	45 697	(X)	29 823
Farms with expenses of—				
$1 to $99	5 427	283	7 446	364
$100 to $499	19 117	4 677	21 259	5 077
$500 to $999	7 278	4 939	6 315	4 275
$1,000 to $1,999	4 687	6 372	3 973	5 483
$2,000 to $4,999	4 534	13 576	2 666	7 648
$5,000 or more	1 551	15 851	656	6 976
Other—coal, wood, coke, etc. farms	3 720	(X)	2 137	(X)
$1,000	(X)	1 536	(X)	713
Farms with expenses of—				
$1 to $99	609	32	573	27
$100 to $499	1 885	465	1 197	272
$500 to $999	946	593	274	181
$1,000 to $1,999	242	272	73	86
$2,000 to $4,999	27	73	13	39
$5,000 or more	11	101	7	108

[1]1982 data include kerosene with fuel oil; 1978 data include kerosene with motor oil and grease.

Table 9. Storage Capacity and Fuel Expenses by Kind of Fuel: 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Fuel expenses reported	Gasoline and gasohol expenses: All farms	Gasoline and gasohol expenses: Farms with $5,000 or more	Diesel fuel expenses: All farms	Diesel fuel expenses: Farms with $5,000 or more	LP gas, butane, and propane expenses: All farms	LP gas, butane, and propane expenses: Farms with $5,000 or more	Fuel oil and kerosene expenses: All farms	Fuel oil and kerosene expenses: Farms with $5,000 or more
Expenses reported farms	53 792	2 654	32 771	3 789	7 811	815	4 420	64
$1,000	70 711	22 555	70 978	38 057	16 055	7 764	2 857	903
Storage capacity reported farms	38 825	2 358	25 874	3 408	5 661	722	2 456	52
1,000 gallons	19 897	2 847	16 856	6 009	5 622	1 821	952	120
$1,000, expenses	60 573	19 921	63 039	34 526	13 789	6 984	2 150	784
Farms with storage capacity of—								
1 to 499 gallons	21 229	163	12 959	235	1 292	7	1 757	2
500 to 999 gallons	11 242	815	7 416	770	1 522	39	447	7
1,000 to 1,999 gallons	5 896	1 021	4 371	1 446	2 060	222	226	19
2,000 gallons or more	458	359	1 128	957	787	454	26	24
Storage capacity reported as "No" farms	6 957	31	2 076	7	587	9	566	2
$1,000, expenses	2 598	248	761	91	359	50	389	(D)
Storage capacity not reported farms	8 012	267	4 821	374	1 563	84	1 399	11
$1,000, expenses	7 552	2 399	7 178	3 440	1 908	730	617	(D)

Table 10. Farm Payroll, Employment, and Contract Labor Expenses: 1982 and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Labor expenses reported	All farms: 1982	All farms: 1978	Farms with sales of $10,000 or more: 1982	Farms with sales of $10,000 or more: 1978
Hired farm labor farms	21 564	22 285	14 848	14 773
workers	130 062	140 899	108 657	116 591
$1,000, payroll	186 312	136 868	179 495	130 610
Workers by days worked:				
150 days or more farms	7 447	6 967	6 586	6 300
workers	20 255	18 391	19 029	17 410
Less than 150 days farms	18 707	19 512	12 471	12 362
workers	109 807	122 508	89 628	99 181
Contract labor farms	2 510	3 235	1 526	1 961
$1,000, expenses	14 445	12 412	13 525	11 407

Table 11. Market Value of Agricultural Products Sold: 1982, 1978, and 1974

[For meaning of abbreviations and symbols, see introductory text]

Item	1982	1978	1974
Total sales[1] (see text) ---- farms	58 661	60 426	64 094
$1,000	2 588 317	1 914 314	1 491 439
Average per farm ---- dollars	44 123	31 680	23 270
Value of sales:			
Less than $2,500 (see text) ---- farms	13 718	14 282	18 360
$1,000	14 078	16 595	21 983
$2,500 to $4,999 ---- farms	7 751	9 125	8 420
$1,000	28 107	32 994	30 903
$5,000 to $7,499 ---- farms	5 233	5 791	6 085
$1,000	32 149	35 413	37 370
$7,500 to $9,999 ---- farms	3 508	3 861	4 327
$1,000	30 417	33 327	37 461
$10,000 to $14,999 ---- farms	4 899	5 224	5 712
$1,000	59 934	63 815	69 679
$15,000 to $19,999 ---- farms	3 144	3 262	3 681
$1,000	54 384	56 373	63 625
$20,000 to $29,999 ---- farms	4 021	4 124	4 713
$1,000	98 484	100 383	115 412
$20,000 to $24,999 ---- farms	2 292	2 365	(NA)
$1,000	51 257	52 493	(NA)
$25,000 to $29,999 ---- farms	1 729	1 759	(NA)
$1,000	47 227	47 890	(NA)
$30,000 to $39,999 ---- farms	2 515	2 812	3 115
$1,000	87 119	97 138	107 474
$40,000 to $59,999 ---- farms	3 341	3 700	3 671
$1,000	163 469	181 200	178 995
$40,000 to $49,999 ---- farms	1 899	2 073	(NA)
$1,000	84 662	92 547	(NA)
$50,000 to $59,999 ---- farms	1 442	1 627	(NA)
$1,000	78 807	88 652	(NA)
$60,000 to $79,999 ---- farms	2 218	2 342	2 049
$1,000	153 646	161 914	141 071
$80,000 to $99,999 ---- farms	1 674	1 575	1 128
$1,000	149 623	140 192	100 702
$100,000 to $249,999 ---- farms	4 706	3 332	(NA)
$1,000	720 338	498 717	(NA)
$100,000 to $199,999 ---- farms	3 929	2 839	2 028
$1,000	547 969	389 781	273 426
$200,000 to $249,999 ---- farms	777	493	(NA)
$1,000	172 370	108 936	(NA)
$250,000 to $499,999[2] ---- farms	1 434	712	650
$1,000	485 301	233 988	188 786
$500,000 or more ---- farms	480	258	131
1,000	508 151	259 319	121 424
Abnormal farms ---- farms	19	26	24
$1,000	3 116	2 948	3 128

Item	1982	1978	1974
Total sales[1] (see text)—Con.			
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse products ---- farms	44 046	47 613	54 365
$1,000	1 364 665	997 743	828 866
Grains ---- farms	34 004	35 639	(NA)
$1,000	795 210	510 131	(NA)
Corn for grain ---- farms	23 671	(NA)	(NA)
$1,000	438 711	(NA)	(NA)
Wheat ---- farms	14 983	(NA)	(NA)
$1,000	64 971	(NA)	(NA)
Soybeans ---- farms	14 791	(NA)	(NA)
$1,000	174 328	(NA)	(NA)
Sorghum for grain ---- farms	18	(NA)	(NA)
$1,000	64	(NA)	(NA)
Oats ---- farms	8 994	(NA)	(NA)
$1,000	20 227	(NA)	(NA)
Other grains ---- farms	6 723	(NA)	(NA)
$1,000	96 908	(NA)	(NA)
Cotton and cottonseed ---- farms	-	-	(NA)
$1,000	-	-	(NA)
Tobacco ---- farms	-	-	(NA)
$1,000	-	-	(NA)
Hay, silage, and field seeds ---- farms	11 529	15 023	(NA)
$1,000	47 701	53 225	(NA)
Vegetables, sweet corn, and melons ---- farms	3 630	3 788	(NA)
$1,000	115 525	97 077	(NA)
Fruits, nuts, and berries ---- farms	4 370	4 873	(NA)
$1,000	162 143	161 387	(NA)
Nursery and greenhouse products ---- farms	1 368	1 444	1 483
$1,000	139 682	103 587	70 510
Other crops ---- farms	2 015	2 143	(NA)
$1,000	104 404	72 336	(NA)
Livestock, poultry, and their products ---- farms	30 755	30 955	34 685
$1,000	1 223 652	916 571	657 721
Poultry and poultry products ---- farms	3 100	3 053	3 859
$1,000	101 375	78 304	71 976
Dairy products ---- farms	7 589	8 252	(NA)
$1,000	613 059	431 385	(NA)
Cattle and calves ---- farms	22 849	23 057	(NA)
$1,000	295 881	260 614	(NA)
Hogs and pigs ---- farms	2 308	1 931	(NA)
$1,000	5 207	4 693	(NA)
Sheep, lambs, and wool ---- farms	7 194	8 065	(NA)
$1,000	182 764	124 746	(NA)
Other livestock and livestock products (see text) ---- farms	3 692	3 248	(NA)
$1,000	25 366	16 829	(NA)

[1]Data for 1974 include sales of forest products.
[2]Data for 1974 are $200,000 to $499,999.

Table 12. Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982, 1978, and 1974

[For meaning of abbreviations and symbols, see introductory text]

Item	1982		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Amount received from Commodity Credit Corporation loans	3 791	136 699	(NA)	(NA)	(NA)	(NA)
Average per farm[1]	(X)	36 059	(X)	(NA)	(X)	(NA)
Farms with receipts of—						
$1 to $499	224	51	(NA)	(NA)	(NA)	(NA)
$500 to $999	117	83	(NA)	(NA)	(NA)	(NA)
$1,000 to $4,999	610	1 740	(NA)	(NA)	(NA)	(NA)
$5,000 to $9,999	551	4 014	(NA)	(NA)	(NA)	(NA)
$10,000 to $19,999	682	9 444	(NA)	(NA)	(NA)	(NA)
$20,000 or more	1 607	121 368	(NA)	(NA)	(NA)	(NA)
Income from machine work, customwork, and other agricultural services	4 371	12 300	5 796	12 110	6 097	12 704
Average per farm[1]	(X)	2 814	(X)	2 089	(X)	2 084
Farms with income of—						
$1 to $249	959	121	1 459	175	(NA)	(NA)
$250 to $499	657	235	921	324	(NA)	(NA)
$500 to $999	711	485	1 042	717	(NA)	(NA)
$1,000 to $4,999	1 430	3 192	1 755	3 842	(NA)	(NA)
$5,000 to $9,999	352	2 379	373	2 465	(NA)	(NA)
$10,000 to $19,999	168	2 169	172	2 247	(NA)	(NA)
$20,000 to $29,999	49	1 146	44	1 005	(NA)	(NA)
$30,000 or more	45	2 574	30	1 335	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text)	6 911	30 267	6 091	22 260	(NA)	(NA)
Average per farm[1]	(X)	4 380	(X)	3 655	(X)	(NA)
Farms with sales of—						
$1 to $249	1 197	141	1 228	147	(NA)	(NA)
$250 to $499	834	293	832	296	(NA)	(NA)
$500 to $999	1 260	868	1 116	771	(NA)	(NA)
$1,000 to $4,999	2 541	5 525	2 046	4 443	(NA)	(NA)
$5,000 to $9,999	508	3 459	429	2 893	(NA)	(NA)
$10,000 to $19,999	272	3 573	222	3 027	(NA)	(NA)
$20,000 to $29,999	122	2 854	92	2 130	(NA)	(NA)
$30,000 or more	177	13 554	126	8 554	(NA)	(NA)

[1]Data are in whole dollars.

Table 13. Value of Machinery and Equipment on Place: 1982 and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	1982		1978	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment	58 549	2 676 343	60 325	1 988 471
Average per farm[1]	(X)	45 711	(X)	32 963
By value group:				
$1 to $999	131	62	166	82
$1,000 to $4,999	4 253	13 168	5 712	17 800
$5,000 to $9,999	12 500	84 531	14 793	99 524
$10,000 to $19,999	11 002	145 724	12 821	170 077
$20,000 to $29,999	6 858	157 185	7 005	160 064
$30,000 to $49,999	7 333	269 341	7 110	261 111
$50,000 to $69,999	4 688	262 126	4 581	253 202
$70,000 to $99,999	3 666	294 160	3 377	271 160
$100,000 to $199,999	5 655	729 474	3 687	471 959
$200,000 to $499,999	2 281	598 235	1 021	249 900
$500,000 or more	182	122 338	52	33 591

[1]Data are in whole dollars.

Table 14. Selected Machinery and Equipment on Place: 1982 and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	1982						1978		
	Total		Manufactured 1978 to 1982		Manufactured prior to 1978				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1974 to 1978
Automobiles	41 140	58 638	22 883	27 411	24 339	31 227	44 731	62 798	32 534
2 or 3	12 231	26 776	3 587	7 653	5 169	11 181	12 258	26 779	9 302
4 or more	804	3 757	133	595	223	1 099	975	4 521	830
Motortrucks, including pickups	49 547	80 352	22 091	25 884	35 837	54 468	50 146	77 453	31 420
2 or 3	14 630	32 960	2 292	5 017	9 868	21 875	14 206	31 901	6 523
4 or more	2 833	15 308	243	1 311	1 570	8 194	2 177	11 789	1 596
Wheel tractors	53 627	146 655	12 276	18 389	51 040	128 266	56 350	148 063	22 300
2 or 3	26 623	64 564	3 308	7 372	26 312	63 339	30 189	72 628	9 293
4 or more	13 355	68 442	509	2 558	10 207	50 406	12 419	61 693	2 879
Grain and bean combines, self-propelled only	19 294	21 060	3 409	3 547	16 207	17 513	17 838	18 919	3 963
Corn heads for combines	12 364	13 583	3 002	3 179	9 499	10 404	10 389	11 076	3 517
Cottonpickers and strippers[1]	–	–	–	–	–	–	–	–	–
Mower conditioners	19 528	21 055	4 592	4 675	15 154	16 380	19 616	20 696	6 062
Pickup balers	23 282	25 051	3 962	4 180	20 029	20 871	23 686	24 536	4 515
Field forage harvesters, shear bar or flywheel	9 977	11 809	2 431	2 550	7 890	9 259	10 929	12 704	3 209

[1]Data for 1978 exclude cotton strippers.

Table 15. Selected Characteristics of Farms by Standard Industrial Classification: 1982

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets[1], average per farm (dollars)		Market value of sales ($1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock, poultry, and their products
Total	58 661	10 942 172	7 255 909	228 238	45 711	2 588 317	1 364 665	1 223 652
Crops (01)	35 258	6 414 628	4 583 920	241 793	45 462	1 277 072	1 206 001	71 071
Cash grains (011)	22 117	4 719 875	3 652 517	277 809	50 222	704 680	655 857	48 823
Wheat (0111)	917	88 083	40 654	96 961	22 313	4 206	4 047	159
Rice (0112)	–	–	–	–	–	–	–	–
Corn (0115)	9 158	2 030 252	1 541 397	283 664	50 260	310 809	294 409	16 400
Soybeans (0116)	4 887	716 599	567 632	192 586	38 271	86 093	84 406	1 687
Cash grains, n.e.c. (0119)	7 155	1 884 941	1 502 834	354 320	62 281	303 572	272 995	30 577
Field crops, except cash grains (013)	4 324	653 385	353 967	170 182	33 984	103 475	100 482	2 993
Cotton (0131)	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–
Sugar crops (0133)	194	44 566	39 198	436 533	85 813	10 309	10 193	116
Irish potatoes (0134)	305	148 062	98 319	579 746	168 894	59 478	58 765	713
Field crops, except cash grains, n.e.c. (0139)	3 825	460 757	216 450	125 620	21 078	33 688	31 524	2 164
Vegetables and melons (016)	1 911	223 005	141 357	192 450	45 781	109 635	107 724	1 911
Fruits and tree nuts (017)	3 586	396 782	199 188	183 604	40 557	159 177	156 454	2 722
Berry crops (0171)	861	66 693	20 134	132 168	31 357	27 671	26 964	707
Grapes (0172)	430	22 036	10 794	97 672	23 965	6 409	6 365	44
Tree nuts (0173)	3	200	25	–	–	(Z)	(Z)	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	1 857	274 080	155 114	250 117	55 829	117 633	116 071	1 562
Fruits and tree nuts, n.e.c. (0179)	435	33 773	13 121	112 839	17 287	7 464	7 054	409
Horticultural specialties (018)	1 105	76 006	29 684	212 483	43 592	142 893	142 722	171
Ornamental floriculture and nursery products (0181)	1 083	74 936	29 411	204 415	42 853	127 438	127 268	171
Food crops grown under cover (0182)	17	856	254	1 000 909	115 831	15 432	15 432	–
Horticultural specialties, n.e.c. (0189)	5	214	19	–	–	23	23	(Z)
General farms, primarily crop (019)	2 215	345 575	207 207	181 147	30 301	57 213	42 761	14 452

See footnotes at end of table.

Table 15. Selected Characteristics of Farms by Standard Industrial Classification: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets[1], average per farm (dollars)		Market value of sales ($1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock, poultry, and their products
Livestock (02)	23 403	4 527 544	2 671 989	207 633	46 090	1 311 245	158 664	1 152 581
Livestock, except dairy, poultry, and animal specialties (021)	13 177	1 895 752	904 556	151 884	29 072	420 917	62 414	358 503
Beef cattle feedlots (0211)	3 295	518 740	291 653	179 416	38 013	158 876	23 166	135 710
Beef cattle, except feedlots (0212)	5 186	704 213	211 314	112 273	20 575	58 523	6 314	52 210
Hogs (0213)	3 059	462 015	297 497	192 010	38 507	174 785	25 114	149 671
Sheep and goats (0214)	691	51 640	13 398	103 697	12 513	3 204	341	2 863
General livestock, except dairy, poultry, and animal specialties (0219)	946	159 144	90 694	175 915	31 550	25 528	7 479	18 050
Dairy farms (024)	6 575	2 247 540	1 578 614	347 314	88 728	713 045	73 074	639 970
Poultry and eggs (025)	594	66 490	36 737	231 832	50 532	104 767	6 792	97 975
Broiler, fryer, and roaster chickens (0251)	13	195	60	38 389	13 778	511	6	505
Chicken eggs (0252)	462	49 444	30 371	199 468	51 978	78 821	5 627	73 194
Turkeys and turkey eggs (0253)	32	7 905	3 362	612 895	169 676	21 551	631	20 921
Poultry hatcheries (0254)	4	490	133	76 000	19 000	873	22	851
Poultry and eggs, n.e.c. (0259)	83	8 456	2 811	392 136	25 795	3 011	507	2 504
Animal specialties (027)	2 327	110 105	19 687	94 334	14 460	23 941	661	23 279
Fur-bearing animals and rabbits (0271)	122	4 882	791	81 428	17 197	5 031	75	4 956
Horses and other equines (0272)	1 884	91 379	17 217	102 546	12 813	10 131	460	9 671
Animal specialties, n.e.c. (0279)	321	13 844	1 679	59 217	21 288	8 778	126	8 652
General farms, primarily livestock (029)	730	207 657	132 395	314 718	80 113	48 575	15 722	32 853

[1]Data are based on a sample of farms.

Table 16. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		1982	1978
Any chemicals, fertilizer, or lime used	farms	46 294	51 593
Commercial fertilizer	farms	43 009	48 523
	acres on which used	5 974 430	5 632 416
	$1,000	242 091	173 192
Lime	farms	6 756	7 505
	acres on which used	252 990	239 591
	tons	508 841	520 529
Farms by tons used:			
1 to 49 tons		3 973	4 490
50 to 99 tons		1 420	1 511
100 to 199 tons		818	967
200 to 499 tons		437	451
500 to 999 tons		75	70
1,000 tons or more		33	16

Chemicals used		1982	1978
Any chemicals, fertilizer, or lime used—Con.			
Other agricultural chemicals[1]	farms	37 506	43 904
	$1,000	114 159	67 558
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops	farms	15 597	16 857
	acres on which used	1 811 518	1 514 374
Nematodes in crops	farms	2 477	2 561
	acres on which used	275 551	223 506
Diseases in crops and orchards	farms	5 399	7 015
	acres on which used	345 088	408 601
Weeds, grass, or brush in crops and pasture	farms	30 440	31 861
	acres on which used	4 288 784	3 629 396
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms	2 001	1 986
	acres on which used	127 566	89 418

[1]Data for 1978 include the cost of lime which was not collected in 1982.

Table 17. Livestock and Poultry—Inventory and Sales: 1982, 1978, and 1974

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory			Sales		
		Farms	Number	Value[1] ($1,000)	Farms	Number	Value ($1,000)
Livestock and poultry	1982	35 106	(X)	895 793	30 755	(X)	1 223 652
	1978	34 818	(X)	719 563	30 955	(X)	916 571
	1974	38 049	(X)	403 486	34 685	(X)	657 721
Poultry	1982	6 734	(X)	14 923	3 100	(X)	101 375
	1978	7 069	(X)	14 705	3 053	(X)	78 304
Livestock	1982	34 236	(X)	880 870	29 870	(X)	1 122 277
	1978	33 589	(X)	704 858	30 033	(X)	838 267
Any cattle, hogs, or sheep	1982	29 509	(X)	849 281	27 594	(X)	483 852
	1978	29 547	(X)	698 097	27 920	(X)	390 053
Cattle and calves	1982	25 657	1 345 793	750 007	22 849	642 060	295 881
	1978	25 293	1 248 623	614 528	23 057	675 773	260 614
	1974	30 665	1 430 262	345 586	27 566	653 930	(NA)
Cows and heifers that had calved	1982	18 730	539 180	493 504	(NA)	(NA)	(NA)
	1978	19 000	517 274	365 869	(NA)	(NA)	(NA)
	1974	23 091	588 018	216 722	(NA)	(NA)	(NA)
Beef cows	1982	10 810	140 969	63 436	(NA)	(NA)	(NA)
	1978	10 575	139 275	71 030	(NA)	(NA)	(NA)
	1974	12 839	195 130	51 709	(NA)	(NA)	(NA)
Milk cows	1982	9 142	398 211	430 068	(NA)	(NA)	(NA)
	1978	9 867	377 999	294 839	(NA)	(NA)	(NA)
	1974	12 533	392 888	165 013	(NA)	(NA)	(NA)
Hogs and pigs	1982	7 433	1 064 073	92 574	7 194	1 734 236	182 764
	1978	8 572	931 240	78 224	8 065	1 392 522	124 746
	1974	8 508	619 910	30 990	7 811	1 013 950	(NA)
Feeder pigs sold	1982	(X)	(X)	(X)	2 184	388 321	19 044
	1978	(X)	(X)	(X)	2 577	306 271	13 362
	1974	(X)	(X)	(X)	2 247	190 061	(NA)
Sheep and lambs[2]	1982	2 401	115 517	6 700	2 172	88 782	5 207
	1978	1 975	97 185	5 345	1 825	75 150	4 693
	1974	2 614	149 787	4 656	2 220	120 317	(NA)
Horses and ponies	1982	9 539	52 648	31 589	2 403	7 808	11 086
	1978	9 039	45 071	6 761	2 090	6 588	7 059
	1974	9 263	43 313	8 829	1 533	5 780	(NA)
Chickens 3 months old or older	1982	5 788	7 572 108	11 165	1 074	7 578 366	(NA)
	1978	6 146	7 011 188	11 059	1 222	6 629 843	(NA)
	1974	8 303	7 609 220	13 342	1 903	8 678 963	(NA)
Hens and pullets of laying age	1982	5 710	6 604 657	9 907	1 013	4 791 058	(NA)
	1978	6 022	6 218 731	9 950	1 167	4 565 325	(NA)
	1974	7 851	6 190 547	11 143	1 711	4 815 682	(NA)
Broilers and other meat-type chickens	1982	1 530	182 326	109	636	601 403	(NA)
	1978	1 350	207 161	162	493	496 339	(NA)
	1974	1 120	131 487	83	459	362 042	(NA)
Turkeys	1982	689	778 908	3 649	265	1 901 774	(NA)
	1978	457	509 105	3 484	165	1 110 463	(NA)

[1]Data are estimated; see text.
[2]Value of sales includes sheep, lambs, and wool sold.

Table 18. Poultry—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982		1978	
	Farms	Number	Farms	Number
INVENTORY				
Chickens 3 months old or older	5 788	7 572 108	6 146	7 011 188
Farms with—				
1 to 1,599	5 542	254 142	5 829	315 057
1,600 to 3,199	19	45 892	37	89 903
3,200 to 9,999	65	435 010	88	583 071
10,000 or more	162	6 837 064	192	6 023 157
Hens and pullets of laying age	5 710	6 604 657	6 022	6 218 731
Farms with—				
1 to 99	4 993	123 523	5 063	130 262
100 to 399	430	67 769	555	92 626
400 to 1,599	64	44 821	106	74 522
1,600 to 3,199	20	48 992	34	82 393
3,200 to 9,999	60	400 720	85	561 971
10,000 to 19,999	66	844 563	96	1 280 793
20,000 to 49,999	44	1 226 293	57	1 702 364
50,000 to 99,999	21	1 427 193	21	1 372 800
100,000 or more	12	2 420 783	5	921 000
Broilers and other meat-type chickens	1 530	182 326	1 350	207 161
Turkeys	689	778 908	457	509 105
For slaughter	503	735 154	346	469 009
Hens kept for breeding	269	43 754	194	40 096
Ducks, geese, and other poultry	1 713	(X)	1 767	(X)

Item	1982		1978	
	Farms	Number	Farms	Number
SALES				
Chickens 3 months old or older	1 074	7 578 366	1 222	6 629 843
Farms with—				
1 to 1,599	800	78 543	888	123 017
1,600 to 3,199	36	87 895	37	91 552
3,200 to 9,999	87	598 463	127	792 983
10,000 or more	151	6 813 465	170	5 622 291
Hens and pullets of laying age	1 013	4 791 058	1 167	4 565 325
Farms with—				
1 to 99	576	17 909	573	17 294
100 to 399	170	30 598	218	40 594
400 to 1,599	39	28 999	79	63 843
1,600 to 3,199	35	84 195	37	91 552
3,200 to 9,999	86	588 763	128	804 813
10,000 to 19,999	47	648 070	74	956 308
20,000 to 49,999	42	1 185 684	41	1 174 501
50,000 to 99,999	10	735 840	15	(D)
100,000 or more	8	1 471 000	2	(D)
Broilers and other meat-type chickens	636	601 403	493	496 339
Turkeys	265	1 901 774	165	1 110 463
For slaughter	247	1 850 774	157	1 069 373
Hens kept for breeding	28	51 000	10	41 090
Ducks, geese, and other poultry	378	(X)	387	(X)

Table 19. **Broilers and Started Pullets—Sales: 1982 and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets 3 months old or older not of laying age			
	1982		1978		1982		1978	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	636	601 403	493	496 339	81	2 787 308	75	2 064 518
Farms with—								
1 to 1,999	627	67 303	469	50 529	30	1 987	34	1 462
2,000 to 3,999	1	(D)	2	(D)	3	9 500	-	-
4,000 to 7,999	-	-	8	(D)	-	-	1	(D)
8,000 to 15,999	3	35 900	3	24 200	9	106 030	11	(D)
16,000 to 29,999	1	(D)	7	(D)	9	181 234	8	168 496
30,000 to 59,999	1	(D)	1	(D)	16	708 557	12	479 100
60,000 to 99,999	2	(D)	3	211 000	8	581 000	5	405 000
100,000 or more	1	(D)	-	-	6	1 199 000	4	869 816
100,000 to 199,999	-	-	-	-	3	313 000	(NA)	(NA)
200,000 to 499,999	1	(D)	-	-	3	886 000	(NA)	(NA)
500,000 or more	-	-	-	-	-	-	(NA)	(NA)

Table 20. **Poultry—Inventory and Sales by Size of Flock: 1982**

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	5 788	7 572 108	5 710	6 604 657	683	967 451	155	736 177	1 123	61 775
Farms with—										
1 to 99	5 001	129 383	4 950	120 963	546	8 420	128	3 535	1 027	38 183
100 to 399	471	75 753	468	69 049	85	6 704	12	1 027	85	7 477
400 to 1,599	70	49 006	68	(D)	16	(D)	2	(D)	6	1 665
1,600 to 3,199	19	45 892	19	(D)	1	(D)	-	-	1	(D)
3,200 to 9,999	65	435 010	61	400 720	7	34 290	-	-	2	(D)
10,000 to 19,999	71	913 763	65	824 563	7	89 200	-	-	2	(D)
20,000 to 49,999	54	1 528 795	46	1 251 293	12	277 502	2	(D)	-	-
50,000 to 99,999	23	1 529 193	19	1 291 193	4	238 000	4	147 600	-	-
100,000 or more	14	2 865 313	14	2 556 783	5	308 530	7	474 665	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	28	378 460	407	120 551

Chickens 3 months old or older	Sales									
	Chickens 3 months old or older						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total inventory	934	6 372 549	901	4 669 400	47	1 703 149	368	100 112	2 483	74 973
Farms with—										
1 to 99	392	24 002	381	23 523	18	479	305	24 058	1 712	390
100 to 399	228	29 408	226	28 923	5	485	51	5 909	455	596
400 to 1,599	68	49 163	68	49 163	-	-	7	1 820	70	630
1,600 to 3,199	19	23 886	19	23 886	-	-	1	(D)	19	437
3,200 to 9,999	65	366 727	62	310 993	3	55 734	2	(D)	65	4 733
10,000 to 19,999	71	864 266	66	712 266	6	152 000	2	(D)	71	9 060
20,000 to 49,999	54	1 592 778	46	966 327	10	626 451	-	-	54	14 319
50,000 to 99,999	23	1 240 819	19	(D)	4	(D)	-	-	23	16 695
100,000 or more	14	2 181 500	14	(D)	1	(D)	-	-	14	28 114
No inventory	140	1 205 817	112	121 658	34	1 084 159	268	501 291	617	26 402

Table 21. **Turkeys—Sales by Number Sold Per Farm: 1982**

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	265	1 901 774	247	1 850 774	28	51 000
Farms with—						
1 to 1,999	242	11 813	230	(D)	18	(D)
2,000 to 3,999	1	(D)	-	-	1	(D)
4,000 to 7,999	8	44 600	4	11 800	8	32 800
8,000 to 15,999	1	(D)	-	-	1	(D)
16,000 to 29,999	2	(D)	2	(D)	-	-
30,000 to 59,999	4	166 461	4	166 461	-	-
60,000 to 99,999	1	(D)	1	(D)	-	-
100,000 or more	6	1 540 000	6	1 540 000	-	-

Table 22. Cattle and Calves—Inventory: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982		1978	
	Farms	Number	Farms	Number
Cattle and calves	25 657	1 345 793	25 293	1 248 623
Farms with—				
1 to 9	7 527	36 392	7 146	34 298
10 to 19	4 648	63 838	4 639	63 668
20 to 49	6 070	189 716	6 193	195 110
50 to 99	3 691	256 694	3 955	274 783
100 to 199	2 433	326 873	2 346	311 932
200 to 499	1 114	308 242	884	243 305
500 to 999	124	78 298	90	60 235
1,000 to 2,499	41	55 205	35	47 212
2,500 or more	9	30 535	5	18 080
Cows and heifers that had calved	18 730	539 180	19 000	517 274
Farms with—				
1 to 9	7 546	30 772	7 521	30 364
10 to 19	3 212	43 361	3 322	45 183
20 to 49	4 501	140 982	4 897	152 796
50 to 99	2 379	158 047	2 370	156 848
100 to 199	934	116 891	773	97 222
200 to 499	141	35 214	106	26 761
500 to 999	13	8 321	9	(D)
1,000 or more	4	5 592	2	(D)
Beef cows	10 810	140 969	10 575	139 275
Farms with—				
1 to 9	6 601	27 338	6 484	26 640
10 to 19	2 331	30 660	2 216	29 081
20 to 49	1 490	41 650	1 441	40 976
50 to 99	277	17 683	301	19 042
100 to 199	81	10 047	98	11 952
200 to 499	23	6 527	29	7 255
500 to 999	4	2 972	5	(D)
1,000 or more	3	4 092	1	(D)
Milk cows	9 142	398 211	9 867	377 999
Farms with—				
1 or 2	1 321	1 700	1 532	2 011
3 or 4	278	952	320	1 082
5 to 9	414	2 900	492	3 318
10 to 19	988	14 010	1 205	17 248
20 to 49	3 097	101 293	3 539	113 563
50 to 99	2 083	138 927	2 039	135 464
100 to 499	954	133 326	736	102 251
500 or more	7	5 103	4	3 062
Heifers and heifer calves	18 594	422 366	18 667	380 888
Steers, steer calves, bulls, and bull calves	21 600	384 247	20 809	350 461

Table 23. Cattle and Calves—Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982			1978		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Cattle and calves sold	22 849	642 060	295 881	23 057	675 773	260 614
Farms with—						
1 to 9	10 835	46 705	18 849	10 146	44 901	15 575
10 to 19	5 128	69 827	26 001	5 149	70 056	21 915
20 to 49	4 651	137 839	50 895	5 237	156 956	48 383
50 to 99	1 446	95 429	38 615	1 576	103 468	35 833
100 to 199	469	60 648	26 822	566	74 093	29 448
200 to 499	189	54 546	31 582	254	74 620	33 518
500 to 999	70	47 326	26 829	78	50 897	24 518
1,000 to 2,499	46	67 643	39 861	41	60 479	31 075
2,500 or more	15	62 097	36 427	10	40 303	20 348
Cattle sold	20 499	466 700	268 138	20 357	487 021	235 218
Farms with—						
1 to 9	12 091	48 573	23 475	11 675	48 559	20 543
10 to 19	4 254	56 373	28 238	4 247	56 160	24 295
20 to 49	2 848	82 284	43 953	2 979	86 878	38 606
50 to 99	783	51 019	29 442	790	52 269	25 879
100 to 199	256	33 104	19 860	352	46 687	23 188
200 to 499	161	46 993	30 396	205	59 944	30 710
500 to 999	56	38 108	23 591	62	40 836	21 920
1,000 or more	50	110 246	69 183	47	95 688	50 078
Cattle fattened on grain and concentrates sold	9 025	278 412	173 440	8 641	285 893	148 029
Farms with—						
1 to 9	5 797	21 699	11 579	5 214	20 317	8 941
10 to 19	1 616	21 325	11 777	1 544	20 069	9 117
20 to 49	956	27 748	16 351	1 098	32 179	15 112
50 to 99	307	19 893	12 661	338	22 114	11 212
100 to 199	146	19 624	12 372	198	26 962	13 655
200 to 499	110	32 799	21 909	156	46 384	24 403
500 to 999	45	30 730	19 516	49	32 818	17 837
1,000 to 2,499	36	53 649	34 862	36	53 731	29 406
2,500 or more	12	50 945	32 412	8	31 319	18 345
Calves sold	10 740	175 360	27 742	11 772	188 752	25 396
Farms with—						
1 or 2	1 937	2 888	480	1 940	2 870	473
3 or 4	1 495	5 223	839	1 433	4 965	782
5 to 9	2 311	15 477	2 244	2 589	17 219	2 499
10 to 19	2 582	33 656	4 330	2 944	38 852	4 785
20 to 49	1 905	53 291	6 271	2 315	64 502	7 490
50 to 99	386	23 998	2 554	404	25 823	3 075
100 to 499	103	15 607	2 248	134	24 250	3 849
500 or more	21	25 220	8 776	13	10 271	2 443

Table 24. Cattle and Calves—Inventory and Sales by Size of Herd: 1982

[For meaning of abbrevietions end symbols, see introductory text]

Cattle end calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows end heifers thet hed celved		Heifers end heifer calves		Steers, steer celves, bulls, and bull celves				
	Ferms	Number	Ferms	Number	Farms	Number	Ferms	Number	Farms	Number	Value ($1,000)
Total inventory	25 657	1 345 793	18 730	539 180	18 594	422 366	21 600	384 247	21 952	622 412	286 619
Ferms with—											
1 to 9	7 527	36 392	3 839	10 551	3 639	8 178	5 898	17 663	3 822	17 866	7 192
10 to 19	4 648	63 838	3 380	22 303	3 345	16 312	4 159	25 223	4 648	34 189	13 239
20 to 49	6 070	189 716	4 884	78 120	4 902	51 222	5 306	60 374	6 070	85 243	33 602
50 to 99	3 691	256 694	3 302	119 939	3 317	82 680	3 057	54 075	3 691	91 435	36 379
100 to 199	2 433	326 873	2 248	150 586	2 270	118 534	2 049	57 753	2 433	109 069	43 462
200 to 499	1 114	308 242	981	124 556	1 011	114 714	966	68 972	1 114	121 940	57 350
500 to 999	124	78 298	75	19 065	84	18 294	117	40 939	124	66 881	39 471
1,000 to 2,499	41	55 205	18	10 990	21	8 171	39	36 044	41	60 884	33 999
2,500 or more	9	30 535	3	3 070	5	4 261	9	23 204	9	34 905	21 925
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	897	19 648	9 262

Table 25. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1982

[For meaning of ebbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and celves inventory								Cattle and calves sales		
	Total		Cows end heifers that had celved		Heifers end heifer calves		Steers, steer calves, bulls, end bull calves				
	Farms	Number	Ferms	Number	Farms	Number	Ferms	Number	Ferms	Number	Velue ($1,000)
Total inventory	18 730	1 104 598	18 730	539 180	15 627	377 723	15 358	187 695	16 852	370 833	140 874
Farms with—											
1 to 4	4 544	39 251	4 544	10 582	3 157	12 119	3 590	16 550	2 790	17 219	6 917
5 to 9	3 002	48 970	3 002	20 190	2 334	12 714	2 595	16 066	2 878	22 630	9 258
10 to 19	3 212	93 075	3 212	43 361	2 703	25 181	2 783	24 533	3 212	37 128	14 270
20 to 29	2 013	94 586	2 013	47 368	1 785	28 475	1 643	18 743	2 013	34 771	13 775
30 to 49	2 488	183 815	2 488	93 614	2 311	63 133	1 949	27 068	2 488	59 430	20 852
50 to 99	2 379	309 073	2 379	158 047	2 293	113 896	1 909	37 130	2 379	92 480	32 843
100 to 199	934	239 244	934	116 891	900	92 366	759	29 987	934	67 992	25 234
200 to 499	141	69 068	141	35 214	130	24 001	117	9 853	141	23 701	9 464
500 to 999	13	18 704	13	8 321	12	(D)	11	(D)	13	9 813	4 921
1,000 or more	4	8 812	4	5 592	2	(D)	2	(D)	4	5 669	3 341
No inventory	6 927	241 195	(X)	(X)	2 967	44 643	6 242	196 552	5 997	271 227	155 007

Table 26. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1982

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory									
	Total		Cows end heifers thet had calved				Heifers and heifer celves		Steers, steer calves, bulls, end bull calves	
			Total		Beef cows					
	Farms	Number	Ferms	Number	Farms	Number	Farms	Number	Ferms	Number
Totel inventory	10 810	347 432	10 810	163 799	10 810	140 969	8 273	83 836	9 277	99 797
Farms with—										
1 to 4	3 909	46 974	3 909	17 274	3 909	9 360	2 777	15 105	3 127	14 595
5 to 9	2 692	49 055	2 692	21 096	2 692	17 978	2 073	12 537	2 345	15 422
10 to 19	2 331	74 436	2 331	34 919	2 331	30 660	1 896	18 165	2 110	21 352
20 to 29	925	48 159	925	23 659	925	21 356	754	11 411	853	13 089
30 to 49	565	42 434	565	22 034	565	20 294	448	9 041	498	11 359
50 to 99	277	37 300	277	19 734	277	17 683	233	8 149	247	9 417
100 to 199	81	20 757	81	10 591	81	10 047	71	4 618	75	5 548
200 to 499	23	14 748	23	7 428	23	6 527	17	3 009	18	4 311
500 to 999	4	7 757	4	(D)	4	2 972	3	(D)	3	(D)
1,000 or more	3	5 812	3	(D)	3	4 092	1	(D)	1	(D)
No inventory	14 847	998 361	7 920	375 381	(X)	(X)	10 321	338 530	12 323	284 450

Beef cows	Cattle and celves sales											
	Total			Cattle						Celves		
				Totel			Fettened on grain end concentrates					
	Farms	Number	Value ($1,000)	Ferms	Number	Velue ($1,000)	Farms	Number	Velue ($1,000)	Ferms	Number	Velue ($1,000)
Total inventory	9 312	154 065	67 953	8 314	115 133	59 763	4 055	64 688	37 352	3 911	38 932	8 191
Ferms with—												
1 to 4	2 509	17 474	6 661	2 262	12 059	5 917	1 140	5 386	2 878	936	5 415	744
5 to 9	2 594	21 085	8 753	2 307	15 958	7 815	1 086	7 589	4 248	1 068	5 127	937
10 to 19	2 331	29 536	11 972	2 054	20 760	10 207	977	9 988	5 626	1 052	8 776	1 765
20 to 29	925	18 493	7 971	832	13 664	6 956	418	7 063	4 156	407	4 829	1 015
30 to 49	565	17 564	7 477	501	12 537	6 404	248	6 406	3 643	266	5 027	1 074
50 to 99	277	18 577	8 779	252	13 023	7 379	124	8 278	5 173	139	5 554	1 401
100 to 199	81	10 668	5 055	77	8 708	4 522	43	4 94[illegible]	2 952	34	1 960	532
200 to 499	23	10 219	5 393	22	7 975	4 669	13	(D)	(D)	9	2 244	724
500 to 999	4	5 698	2 959	4	5 698	2 959	3	(D)	(D)	-	-	-
1,000 or more	3	4 751	2 934	3	4 751	2 934	3	4 751	2 934	-	-	-
No inventory	13 537	487 995	227 928	12 185	351 567	208 376	4 970	213 724	136 087	6 829	136 428	19 552

Table 27. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1982

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	9 142	828 049	9 142	411 433	9 142	398 211	8 427	313 749	7 170	102 867
Farms with—										
1 to 4	1 599	22 666	1 599	7 367	1 599	2 652	1 210	6 621	1 328	8 678
5 to 9	414	8 257	414	3 415	414	2 900	361	2 662	336	2 180
10 to 19	988	30 803	988	15 254	988	14 010	904	9 933	769	5 616
20 to 29	1 149	54 435	1 149	28 581	1 149	27 351	1 085	18 986	841	6 868
30 to 49	1 948	149 215	1 948	75 625	1 948	73 942	1 891	56 052	1 480	17 538
50 to 99	2 083	275 655	2 083	140 801	2 083	138 927	2 040	106 919	1 640	27 935
100 to 199	838	218 058	838	105 754	838	104 746	818	87 745	672	24 559
200 to 499	116	58 949	116	29 533	116	28 580	111	21 442	98	7 974
500 or more	7	10 011	7	5 103	7	5 103	7	3 389	6	1 519
No inventory	16 515	517 744	9 588	127 747	(X)	(X)	10 167	108 617	14 430	281 380

Milk cows	Cattle and calves sales								Dairy product sales	
	Total			Cattle		Calves				
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number		Farms	Value ($1,000)
Total inventory	8 655	238 840	81 872	7 659	134 101	5 992	104 739		7 511	610 653
Farms with—										
1 to 4	1 131	10 360	4 149	973	6 884	552	3 476		161	334
5 to 9	395	3 756	1 377	330	2 300	240	1 456		261	1 454
10 to 19	988	10 993	3 558	833	6 397	660	4 596		948	13 959
20 to 29	1 149	18 468	6 738	1 008	10 635	825	7 833		1 149	33 649
30 to 49	1 948	43 836	14 369	1 747	23 748	1 445	20 088		1 948	109 042
50 to 99	2 083	74 689	24 405	1 871	40 061	1 581	34 628		2 083	218 170
100 to 199	838	57 324	20 257	785	32 503	608	24 821		838	176 758
200 to 499	116	16 177	5 673	105	9 334	77	6 843		116	48 623
500 or more	7	3 237	1 345	7	2 239	4	998		7	8 664
No inventory	14 194	403 220	214 009	12 840	332 599	4 748	70 621		78	2 407

Table 28. Cattle and Calves—Sales by Number Sold Per Farm: 1982

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain end concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	22 849	642 060	295 881	20 499	466 700	268 138	9 025	278 412	173 440	10 740	175 360	27 742
Farms with—												
1 to 4	6 126	15 267	6 550	5 295	12 069	6 011	2 829	6 417	3 428	1 597	3 198	539
5 to 9	4 709	31 438	12 299	4 193	22 416	10 899	1 957	10 398	5 565	2 100	9 022	1 400
10 to 19	5 128	69 827	26 001	4 556	45 484	22 534	1 837	18 709	10 240	2 808	24 343	3 466
20 to 49	4 651	137 839	50 895	4 329	84 938	44 544	1 454	28 992	17 006	2 997	52 901	6 351
50 to 99	1 446	95 429	38 615	1 382	61 973	34 817	521	23 252	14 344	899	33 456	3 799
100 to 199	469	60 648	26 822	451	42 179	24 881	206	21 266	13 392	262	18 469	1 941
200 to 499	189	54 546	31 582	179	47 386	30 286	125	33 902	22 580	48	7 160	1 296
500 to 999	70	47 326	26 829	64	40 009	24 984	48	30 882	19 611	17	7 317	1 846
1,000 or more	61	129 740	76 288	50	110 246	69 183	48	104 594	67 274	12	19 494	7 105

Table 29. Hogs and Pigs—Inventory: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982		1978	
	Farms	Number	Farms	Number
Total hogs and pigs	7 433	1 064 073	8 572	931 240
Farms with—				
1 to 24	3 776	31 614	4 268	36 717
25 to 49	899	31 378	1 192	41 398
50 to 99	794	53 882	1 080	74 169
100 to 199	737	98 179	872	116 019
200 to 499	677	203 941	741	222 007
500 to 999	323	219 349	280	188 111
1,000 to 1,999	157	197 664	101	131 673
2,000 to 4,999	61	166 781	33	87 590
5,000 or more	9	61 285	5	33 556
Hogs and pigs used or to be used for breeding	4 690	155 012	5 852	152 644
Farms with—				
1 to 24	3 438	25 860	4 451	33 758
25 to 49	530	17 793	661	22 152
50 to 99	346	22 504	427	27 826
100 to 199	233	29 629	196	24 451
200 or more	143	59 226	117	44 457
Other hogs and pigs	6 884	909 061	7 846	778 596

Table 30. Hogs and Pigs—Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982			1978		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	7 194	1 734 236	182 764	8 065	1 392 522	124 746
Farms with—						
1 to 24	2 814	26 227	2 891	3 016	30 076	2 662
25 to 49	1 015	35 586	3 709	1 338	46 128	3 915
50 to 99	906	63 117	6 232	1 140	79 787	6 534
100 to 199	809	111 211	11 044	986	136 057	11 447
200 to 499	775	236 953	23 492	896	273 438	23 015
500 to 999	433	301 283	31 617	393	259 732	22 539
1,000 to 1,999	288	388 248	41 283	211	272 890	25 400
2,000 to 4,999	128	365 931	40 051	71	196 848	18 974
5,000 or more	26	205 680	22 444	14	97 566	10 260
Feeder pigs sold	2 184	388 321	19 044	2 577	306 271	13 362
Farms with—						
1 to 9	297	1 581	70	408	2 130	85
10 to 49	801	19 728	890	1 010	24 715	1 003
50 to 99	358	24 701	1 146	408	27 800	1 125
100 to 199	276	37 922	1 819	350	46 890	1 975
200 to 499	269	78 973	3 768	266	80 130	3 439
500 to 999	103	71 995	3 643	95	61 489	2 811
1,000 or more	80	153 421	7 708	40	63 117	2 923

Table 31. Hogs and Pigs—Litters Farrowed: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Litters	1982		1978	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	4 968	202 755	6 121	172 107
Farms with—				
1 to 9	2 516	9 196	3 270	11 971
10 to 19	771	10 277	1 022	13 562
20 to 49	795	23 666	990	29 905
50 to 99	350	23 536	447	29 912
100 to 199	305	40 916	243	31 957
200 to 499	182	52 611	125	33 902
500 or more	49	42 553	24	20 898
Dec. 1 of preceding year and May 31	4 105	96 569	4 962	81 603
June 1 and Nov. 30	4 137	106 186	5 130	90 504

Table 32. Hogs and Pigs—Inventory and Sales by Size of Herd: 1982

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	7 433	1 064 073	4 690	155 012	6 884	909 061	6 483	1 685 577	177 351	2 084	382 717	18 781
Farms with—												
1 to 9	2 380	9 841	912	2 748	2 000	7 093	1 430	20 710	1 968	338	8 123	351
10 to 24	1 396	21 773	927	5 781	1 282	15 992	1 396	47 170	4 439	447	17 244	775
25 to 99	1 693	85 260	1 318	16 560	1 648	68 700	1 693	149 639	14 323	637	54 816	2 555
100 to 199	737	98 179	583	14 519	732	83 660	737	157 798	14 951	284	59 956	2 884
200 to 499	677	203 941	500	25 877	673	178 064	677	325 163	32 457	228	91 703	4 623
500 to 999	323	219 349	253	28 169	323	191 180	323	338 872	37 147	85	55 842	2 857
1,000 or more	227	425 730	197	61 358	226	364 372	227	646 225	72 066	65	95 033	4 736
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	711	48 659	5 413	100	5 604	263

Table 33. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1982

[For meaning of abbreviations and symbols, see introductory text]

Hogs end pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	6 483	1 060 969	4 460	154 584	6 019	906 385	7 194	1 734 236	182 764	2 184	388 321	19 044
Farms with—												
1 to 9	1 295	11 979	547	2 063	1 208	9 916	1 581	6 700	843	149	659	27
10 to 49	1 976	48 222	1 366	8 437	1 765	39 785	2 248	55 113	5 758	709	14 152	614
50 to 99	842	47 067	676	7 784	765	39 283	906	63 117	6 232	371	19 533	895
100 to 199	778	79 672	624	11 419	735	68 253	809	111 211	11 044	339	34 838	1 634
200 to 499	741	150 012	584	20 102	709	129 910	775	236 953	23 492	319	73 008	3 422
500 to 999	420	187 337	329	25 163	413	162 174	433	301 283	31 617	149	69 115	3 530
1,000 or more	431	536 680	334	79 616	424	457 064	442	959 859	103 778	148	177 016	8 922
None sold	950	3 104	230	428	865	2 676	(X)	(X)	(X)	(X)	(X)	(X)

Table 34. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1982

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Ferms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total litters farrowed	4 801	875 799	4 689	(D)	4 252	(D)	4 724	1 367 130	139 068	2 184	388 321	19 044
Farms with—												
1	477	4 197	447	(D)	394	(D)	371	3 782	405	140	839	37
2 to 4	1 160	19 985	1 117	4 955	930	15 030	1 114	23 780	2 373	464	7 572	331
5 to 9	754	26 559	734	5 718	653	20 841	787	37 205	3 619	373	13 166	591
10 to 19	750	49 182	740	9 415	682	39 767	771	73 435	6 941	391	27 356	1 239
20 to 49	784	108 723	779	18 928	740	89 795	795	163 058	14 971	417	68 124	3 183
50 to 99	344	101 753	343	16 406	332	85 357	350	173 604	16 596	173	59 259	2 862
100 to 199	302	180 410	300	28 962	295	151 448	305	270 468	27 754	132	74 529	3 800
200 or more	230	384 980	229	69 574	226	315 406	231	621 798	66 411	94	137 476	7 001
No litters farrowed	2 632	188 274	1	(D)	2 632	(D)	2 470	367 106	43 696	-	-	-

Litters farrowed	Litters farrowed between Dec. 1, 1981, and Nov. 30, 1982					
	Total		Dec. 1, 1981, and May 31, 1982		June 1, 1982, and Nov. 30, 1982	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	4 968	202 755	4 105	96 569	4 137	106 186
Farms with—						
1	506	506	292	292	214	214
2 to 4	1 223	3 440	891	1 673	934	1 767
5 to 9	787	5 250	633	2 495	665	2 755
10 to 19	771	10 277	688	4 831	711	5 446
20 to 49	795	23 666	750	11 373	753	12 293
50 to 99	350	23 536	337	11 386	339	12 150
100 to 199	305	40 916	290	19 477	296	21 439
200 or more	231	95 164	224	45 042	225	50 122

Table 35. Sheep and Lambs—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	1982		1978	
	Farms	Number	Farms	Number
Sheep and lambs inventory	2 401	115 517	1 975	97 185
Farms with—				
1 to 24	1 280	11 526	985	9 823
25 to 99	817	40 007	744	36 667
100 to 999	300	59 484	244	(D)
1,000 to 2,499	4	4 500	2	(D)
2,500 or more	-	-	-	-
Ewes 1 year old or older	2 103	68 288	1 773	56 110
Sheep and lambs shorn	2 060	101 512	1 743	85 028
Pounds of wool	(X)	782 410	(X)	679 943
Sheep and lambs sold	2 172	88 782	1 825	75 150
Value of sales from sheep, lambs, and wool ($1,000)	2 308	5 207	1 931	4 693

Table 36. Sheep and Lambs—Inventory and Sales by Size of Flock: 1982

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	2 401	115 517	2 103	68 288	1 977	100 164	771 428	2 019	85 508	2 155	5 078
Farms with—											
1 to 24	1 280	11 526	1 019	7 368	893	9 699	75 468	898	9 481	1 034	470
25 to 99	817	40 007	796	27 196	795	33 438	264 296	817	26 170	817	1 420
100 to 299	258	38 837	247	22 399	248	35 482	271 480	258	27 565	258	1 598
300 to 999	42	20 647	40	(D)	40	(D)	(D)	42	16 642	42	1 184
1,000 to 2,499	4	4 500	1	(D)	1	(D)	(D)	4	5 650	4	405
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	83	1 348	10 982	153	3 274	153	128

Table 37. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1982

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	2 103	107 484	2 103	68 288	1 911	99 801	768 669	1 866	77 486	1 977	4 604
Farms with—											
1 to 24	1 263	20 078	1 263	11 697	1 071	17 437	137 188	1 026	15 413	1 137	829
25 to 99	704	51 896	704	32 787	704	44 118	344 888	704	32 566	704	1 799
100 to 199	101	18 816	101	12 496	101	19 452	147 001	101	13 589	101	917
200 to 499	29	12 844	29	8 108	29	13 944	104 218	29	11 678	29	802
500 to 999	6	3 850	6	3 200	6	4 850	35 374	6	4 240	6	257
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	298	8 033	(X)	(X)	149	1 711	13 741	306	11 296	331	603

Table 38. Other Livestock, Livestock Products, and Animal Specialties—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory		Sales	
		1982	1978	1982	1978
Horses and ponies	farms	9 539	9 039	2 403	2 090
	number	52 648	45 071	7 808	6 588
	$1,000	(X)	(X)	11 086	7 059
Mules, burros, and donkeys	farms	150	256	17	21
	number	329	448	27	34
	$1,000	(X)	(X)	7	4
Mink and their pelts	farms	55	39	58	38
	number	71 569	63 357	156 952	121 521
	$1,000	(X)	(X)	4 236	3 048
Colonies of bees	farms	1 429	987	55	48
	number	82 466	85 791	9 857	7 963
	$1,000	(X)	(X)	297	205
Honey sold	farms	(X)	(X)	466	733
	pounds	(X)	(X)	4 384 671	5 282 787
	$1,000	(X)	(X)	2 705	2 720
Goats	farms	1 245	535	505	202
	number	11 126	3 577	4 027	1 238
	$1,000	(X)	(X)	158	38
Angora goats	farms	67	6	14	1
	number	3 852	(D)	331	(D)
	$1,000	(X)	(X)	31	(D)
Milk goats	farms	599	263	278	118
	number	4 230	2 103	2 135	780
	$1,000	(X)	(X)	88	26
Other goats	farms	649	295	226	87
	number	3 044	(D)	1 561	(D)
	$1,000	(X)	(X)	40	(D)
Mohair sold	farms	(X)	(X)	53	6
	pounds	(X)	(X)	28 384	(D)
	$1,000	(X)	(X)	123	(D)
Goats milk sold	farms	(X)	(X)	49	28
	gallons	(X)	(X)	72 957	45 756
	$1,000	(X)	(X)	111	113
Rabbits and their pelts	farms	482	304	254	157
	number	34 332	11 206	66 163	42 192
	$1,000	(X)	(X)	576	177
Chinchillas and their pelts	farms	15	13	11	13
	number	3 324	2 635	1 352	2 133
	$1,000	(X)	(X)	39	52
Worms (see text)	farms	16	9	18	8
	number	7 670	57	65 628	9 732
	$1,000	(X)	(X)	265	24
Other livestock	farms	63	27	38	14
	$1,000	(X)	(X)	(D)	2 369
Other livestock products	farms	(X)	(X)	33	53
	$1,000	(X)	(X)	116	103

Table 39. Crops Harvested and Value of Production: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Crop	1982				1978			
	Farms	Acres	Quantity	Value of production[1] ($1,000)	Farms	Acres	Quantity	Value of production[1] ($1,000)
Harvested cropland	53 738	7 255 909	(X)	1 819 505	57 294	6 774 229	(X)	1 427 559
Corn for grain or seed (bushels)	30 792	2 568 541	256 473 754	564 242	33 676	2 337 985	184 697 964	378 631
Corn for silage or green chop or cut for dry fodder, hogged or grazed	9 604	(D)	(X)	101 073	10 153	425 658	(X)	77 587
Sorghum for grain or seed (bushels)	30	844	48 789	88	94	2 672	154 212	278
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	129	1 610	(X)	209	609	7 806	(X)	1 046
Wheat for grain (bushels)	15 416	513 445	20 764 229	66 446	13 966	370 398	14 669 977	48 411
Other small grains for grain	17 622	450 046	(X)	41 797	(NA)	428 714	(X)	32 335
Soybeans for beans (bushels)	14 905	1 122 617	34 307 197	183 544	13 914	888 449	21 174 856	136 578
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	768	48 703	12 423 578	59 012	791	43 873	10 021 208	45 596
Sweetpotatoes (bushels)	4	(D)	(D)	95	14	133	21 328	128
Pineapples harvested (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	28 522	1 365 495	3 476 731	230 014	32 863	1 561 452	3 599 083	210 204
Vegetables harvested for sale (see text)	3 634	126 248	(X)	115 525	3 793	119 287	(X)	97 077
Land in orchards	4 280	165 238	(X)	130 920	4 722	169 413	(X)	156 637
Berries harvested for sale	1 684	15 608	(X)	31 226	1 707	14 646	(X)	24 838
Nursery and greenhouse products, mushrooms, and sod grown for sale (see text)	1 368	19 846	(X)	139 682	1 444	20 141	(X)	103 587
Other crops	6 811	630 795	(X)	155 633	(NA)	555 357	(X)	114 626

[1]Data are estimated; see text.

Table 40. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1982

[For meaning of abbreviations and symbols, sea introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acra	Farms	Acres irrigated	Acres not irrigated	Avaraga yield per acre	Farms	Acres	Average yield per acra
Corn for grain or seed (bushels)	220	38 596	125.5	594	96 878	125 630	114.0	29 978	2 307 437	98.1
Corn for silage or green chop (tons, green)	46	2 171	17.3	62	2 924	4 325	16.1	9 495	381 815	13.2
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	30	844	57.8
Wheat for grain (bushals)	34	2 205	35.3	25	2 836	1 870	39.8	15 357	506 534	40.5
Oats for grain (bushals)	27	360	56.9	15	169	348	61.9	16 585	397 741	62.1
Barley for grain (bushels)	3	18	72.8	-	-	-	-	1 090	35 090	59.0
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	105	8 599	37.3	173	16 343	19 102	34.5	14 627	1 078 573	30.4
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	36	3 941	16.4	53	6 361	6 229	15.2	5 752	485 744	14.2
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	161	18 799	290.5	76	7 757	8 016	248.4	531	14 131	215.5
Sugar beets for sugar (tons)	6	265	23.3	8	285	375	19.3	1 337	95 657	18.7
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	62	1 783	3.7	49	1 930	3 223	3.6	24 179	943 233	2.8
Small grain hay (tons, dry)	4	150	3.3	-	-	-	-	1 403	28 008	1.8
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	6	(D)	(D)	1	(D)	(D)	(D)	5 142	(D)	(D)
Wild hay (tons, dry)	1	(D)	(D)	-	-	-	-	1 024	(D)	(D)
Grass silaga, haylage, and green chop hay (see text) (tons, graan)	10	501	11.4	19	911	2 053	7.6	3 880	215 013	6.0
Alfalfa seed (pounds)	-	-	-	-	-	-	-	12	105	80.5
Vegetables harvested for sale (see text)	466	24 041	(X)	312	19 109	16 406	(X)	2 856	66 692	(X)
Land in orchards	145	3 319	(X)	300	10 998	28 058	(X)	3 835	122 864	(X)
Strawberries harvested for sale (pounds)	425	2 950	5 731.0	20	99	89	2 658.0	314	501	2 446.9

Table 41. Specified Crops by Acres Harvested: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Crop	1982					1978				
				Irrigated land					Irrigated land	
	Farms	Acras	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acras
Corn for all purposes	32 723	2 959 872	(X)	831	140 569	35 688	2 763 643	(X)	825	104 829
Corn for grain or seed (bushels)	30 792	2 568 541	256 473 754	814	135 474	33 676	2 337 985	184 697 964	803	99 378
1 to 14 acres	7 229	57 577	4 537 240	34	204	8 148	66 901	4 434 593	52	290
15 to 24 acres	4 498	85 182	7 294 408	21	299	5 360	101 098	7 092 364	20	316
25 to 49 acres	6 359	219 925	19 707 885	41	1 286	7 564	261 143	19 003 069	63	1 679
50 to 99 acres	5 514	377 208	35 662 080	97	5 097	5 996	409 787	30 931 574	141	7 236
100 to 249 acres	4 926	733 309	72 675 143	275	25 199	4 864	719 089	56 929 086	244	23 782
250 to 499 acres	1 614	536 977	56 232 613	205	38 256	1 299	430 631	36 044 320	184	31 951
500 to 999 acras	513	333 070	35 612 524	105	33 151	366	235 006	20 304 351	73	19 054
1,000 acras or mora	139	225 293	24 751 861	36	31 982	79	114 330	9 958 607	26	15 070
Corn for silage or graan chop (tons, green)	9 603	391 235	5 209 449	108	5 095	10 113	423 744	4 836 027	129	5 451
1 to 14 acres	3 262	25 160	295 712	15	109	3 368	26 565	274 548	13	92
15 to 24 acres	1 690	31 462	398 040	10	167	1 896	35 263	383 636	25	392
25 to 49 acres	2 179	73 681	941 728	18	509	2 255	76 482	873 043	22	534
50 to 99 acres	1 564	101 236	1 309 065	30	1 112	1 621	105 295	1 168 181	37	1 552
100 to 249 acres	786	106 601	1 416 488	26	1 830	821	111 641	1 280 319	22	1 368
250 to 499 acres	94	30 499	442 575	8	(D)	110	34 525	427 203	8	(D)
500 to 999 acres	20	12 743	229 557	1	(D)	33	21 098	262 585	2	(D)
1,000 acres or more	8	9 853	176 284	-	-	9	12 875	166 512	-	-
Wheat for grain (bushels)	15 416	513 445	20 764 229	59	5 041	13 966	370 398	14 669 977	24	1 191
1 to 14 acras	5 273	45 909	1 689 166	11	78	5 776	50 286	1 825 030	5	35
15 to 24 acres	3 641	68 062	2 589 460	10	175	3 602	66 698	2 544 547	4	74
25 to 49 acres	3 600	121 691	4 832 848	9	237	2 799	94 360	3 749 332	5	193
50 to 99 acres	1 976	130 284	5 398 307	13	621	1 272	81 722	3 351 826	5	283
100 to 249 acras	837	113 572	4 807 294	10	1 284	478	63 602	2 619 900	5	606
250 to 499 acres	74	23 410	1 009 394	4	(D)	33	10 253	434 334	-	-
500 to 999 acres	13	(D)	(D)	1	(D)	6	3 477	145 008	-	-
1,000 acres or more	2	(D)	(D)	1	(D)	-	-	-	-	-
Oats for grain (bushals)	16 627	398 618	24 770 648	42	529	17 875	395 419	22 618 711	27	643
1 to 14 acres	7 296	59 405	3 243 577	19	120	8 277	69 585	3 670 870	11	76
15 to 24 acres	4 030	74 920	4 441 338	11	160	4 396	81 861	4 578 640	5	102
25 to 49 acres	3 525	118 448	7 491 553	9	198	3 578	119 043	6 918 827	5	(D)
50 to 99 acres	1 376	88 746	5 777 470	3	51	1 322	83 199	4 950 265	5	191
100 to 249 acres	377	48 482	3 198 255	-	-	284	36 346	2 133 789	1	(D)
250 to 499 acres	18	5 495	373 490	-	-	18	5 385	366 320	-	-
500 to 999 acres	5	3 122	244 965	-	-	-	-	-	-	-
1,000 acras or more	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushals)	14 905	1 122 617	34 307 197	278	24 942	13 914	888 449	21 174 856	201	11 307
1 to 14 acres	2 314	20 739	559 714	18	137	2 439	21 698	488 172	18	126
15 to 24 acres	2 406	45 559	1 255 317	26	442	2 284	43 355	978 130	14	236
25 to 49 acres	3 733	130 129	3 670 307	34	879	3 697	129 380	2 905 964	40	935
50 to 99 acres	3 142	213 721	6 255 790	43	2 097	2 943	199 027	4 635 984	49	2 019
100 to 249 acres	2 470	369 257	11 442 684	93	8 525	2 034	296 053	7 162 293	49	3 841
250 to 499 acras	656	215 593	6 907 144	51	9 571	414	133 296	3 295 273	26	3 055
500 to 999 acres	165	103 883	3 405 651	12	(D)	100	62 131	1 612 916	5	1 095
1,000 acres or more	19	23 736	810 590	1	(D)	3	3 509	96 124	-	-

Table 41. **Specified Crops by Acres Harvested: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	1982					1978				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Dry edible beans, excluding dry limas (cwt)	5 841	502 275	7 162 215	89	10 302	5 218	441 925	5 152 520	68	7 726
1 to 14 acres	758	6 572	91 396	8	40	478	4 390	49 187	3	15
15 to 24 acres	756	14 399	208 417	2	(D)	675	12 905	146 251	4	78
25 to 49 acres	1 321	46 566	659 239	7	255	1 252	44 374	499 532	7	173
50 to 99 acres	1 355	93 993	1 330 258	15	765	1 319	91 605	1 041 859	11	606
100 to 249 acres	1 247	185 835	2 589 502	30	2 985	1 215	181 672	2 131 146	24	2 953
250 to 499 acres	334	110 285	1 595 614	24	4 873	227	73 589	899 465	16	2 651
500 to 999 acres	67	41 053	625 289	2	(D)	49	29 930	347 720	2	(D)
1,000 acres or more	3	3 572	62 500	1	(D)	3	3 460	37 360	1	(D)
Irish potatoes (cwt)	768	48 703	12 423 578	237	26 556	791	43 873	10 021 208	216	21 409
Sugar beets for sugar (tons)	1 351	96 582	1 810 556	14	550	1 478	89 077	1 659 413	19	796
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	28 522	1 365 495	3 476 731	139	5 373	32 863	1 561 452	3 599 083	217	9 788
1 to 14 acres	9 068	72 844	162 736	43	311	8 965	75 833	156 356	31	210
15 to 24 acres	5 076	94 635	210 283	15	181	6 174	115 548	239 796	28	354
25 to 49 acres	6 023	206 483	487 986	16	435	7 809	267 884	579 519	31	707
50 to 99 acres	4 474	301 844	778 453	20	808	5 729	386 049	903 899	41	1 591
100 to 249 acres	3 287	475 126	1 284 682	32	1 604	3 627	517 998	1 277 807	64	4 314
250 to 499 acres	517	162 348	429 453	9	1 344	499	157 397	358 216	20	(D)
500 to 999 acres	71	43 509	93 020	4	690	53	31 649	63 985	2	(D)
1,000 acres or more	6	8 706	30 118	-	-	7	9 094	19 505	-	-
Alfalfa hay (tons,dry)	24 290	950 169	2 711 102	111	3 713	27 963	1 091 640	2 803 200	182	6 636
1 to 14 acres	8 293	66 688	160 564	38	279	8 288	69 750	154 572	36	247
15 to 24 acres	4 508	83 724	205 820	17	245	5 516	103 247	235 083	23	351
25 to 49 acres	5 323	181 625	479 791	12	364	6 924	237 673	572 368	33	702
50 to 99 acres	3 815	252 486	734 556	19	775	4 807	316 029	822 136	45	1 677
100 to 249 acres	2 115	284 859	880 741	21	(D)	2 239	299 400	839 406	36	2 483
250 to 499 acres	211	64 793	207 991	1	(D)	166	50 200	137 600	9	1 176
500 to 999 acres	24	(D)	(D)	3	550	20	11 691	33 835	-	-
1,000 acres or more	1	(D)	(D)	-	-	3	3 650	8 200	-	-
Small grain hay (tons, dry)	1 407	28 158	51 893	4	(D)	1 244	24 250	38 114	1	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	5 149	148 853	251 407	7	96	6 163	176 208	299 958	10	223
Wild hay (tons, dry)	1 025	19 837	24 725	1	(D)	1 311	26 201	30 310	5	58
Grass silage, haylage, and green chop hay (see text) (tons, green)	3 909	218 478	1 312 877	29	1 412	(NA)	243 153	1 278 355	(NA)	2 866
Field seed and grass seed crops	617	15 101	(X)	1	(D)	654	12 475	(X)	2	(D)
Red clover seed (pounds)	525	9 452	1 214 617	1	(D)	515	9 129	935 120	-	-
Vegetables harvested for sale (see text)	3 634	126 248	(X)	778	43 149	3 793	119 287	(X)	816	35 522
0.1 to 0.9 acres	220	95	(X)	40	17	261	113	(X)	33	14
1.0 to 4.9 acres	1 090	2 640	(X)	156	310	1 043	2 582	(X)	156	352
5.0 to 14.9 acres	906	7 496	(X)	161	1 043	1 009	8 572	(X)	187	1 329
15.0 to 24.9 acres	376	7 034	(X)	79	1 113	421	7 820	(X)	100	1 339
25.0 to 49.9 acres	444	15 241	(X)	99	2 662	466	15 861	(X)	113	2 677
50.0 to 99.9 acres	325	21 924	(X)	106	5 559	323	21 918	(X)	108	5 485
100.0 to 249.9 acres	208	30 996	(X)	93	9 670	213	31 528	(X)	86	8 509
250.0 to 499.9 acres	50	16 438	(X)	32	5 857	44	14 057	(X)	24	4 807
500.0 acres or more	15	24 384	(X)	12	16 917	13	16 836	(X)	9	11 011
Snap beans	665	18 444	(X)	142	6 931	593	19 436	(X)	116	4 971
Sweet corn	1 503	12 740	(X)	246	3 020	1 261	10 609	(X)	217	2 866
Cucumbers and pickles	585	17 012	(X)	175	5 525	767	21 038	(X)	233	5 580
Berries harvested for sale	1 684	15 608	(X)	650	6 488	1 707	14 646	(X)	664	6 653
Tame bluebernes (pounds)	681	11 079	36 356 998	143	3 086	647	9 992	26 746 962	164	3 197
Strawberries (pounds)	759	3 639	18 629 702	445	3 048	835	3 759	18 789 614	473	3 091
Land in orchards	4 280	165 238	(X)	445	14 316	4 722	169 413	(X)	490	14 479
0.1 to 0.9 acres	194	87	(X)	16	6	194	89	(X)	21	9
1.0 to 4.9 acres	1 109	2 619	(X)	71	161	1 103	2 703	(X)	46	101
5.0 to 14.9 acres	1 041	8 841	(X)	40	278	1 232	10 470	(X)	54	407
15.0 to 24.9 acres	438	8 077	(X)	27	369	571	10 605	(X)	34	428
25.0 to 49.9 acres	593	20 579	(X)	78	1 394	667	23 177	(X)	85	1 221
50.0 to 99.9 acres	470	33 052	(X)	68	2 265	524	35 987	(X)	88	2 366
100.0 to 249.9 acres	344	51 098	(X)	107	5 334	341	49 196	(X)	117	4 968
250.0 to 499.9 acres	69	22 333	(X)	26	2 613	71	23 315	(X)	37	3 684
500.0 acres or more	22	18 552	(X)	12	1 898	19	13 870	(X)	8	1 296

Table 42. Specified Fruits and Nuts by Bearing and Nonbearing Acres: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Crop		Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
		Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
Apples	1982	2 788	69 715	5 592 196	1 599	1 323 923	2 499	4 268 273	2 099	916 246 739
	1978	2 885	71 428	4 747 516	1 420	953 256	2 625	3 794 260	2 240	771 782 241
0.1 to 0.9 acres	1982	376	132	8 154	241	3 583	266	4 571	187	461 535
1.0 to 4.9 acres	1982	825	1 908	108 029	426	37 611	705	70 418	502	7 309 868
5.0 to 14.9 acres	1982	597	4 986	334 670	292	89 203	555	245 467	480	37 279 288
15.0 to 24.9 acres	1982	266	5 004	354 551	145	89 330	257	265 221	228	44 940 020
25.0 to 49.9 acres	1982	315	10 786	795 685	194	175 718	308	619 967	299	134 239 000
50.0 to 99.9 acres	1982	242	16 165	1 249 627	174	303 013	241	946 614	237	207 662 856
100.0 acres or more	1982	167	30 735	2 741 480	127	625 465	167	2 116 015	166	484 354 172
Cherries	1982	2 075	65 372	5 768 435	1 426	2 096 455	1 817	3 671 980	1 559	231 363 502
	1978	2 270	61 360	5 301 694	1 324	1 577 755	2 090	3 723 939	1 805	201 807 101
0.1 to 0.9 acres	1982	373	80	4 666	242	2 399	225	2 267	117	58 780
1.0 to 4.9 acres	1982	355	854	69 154	174	20 749	316	48 405	235	2 182 848
5.0 to 14.9 acres	1982	422	3 789	339 754	244	119 341	383	220 413	348	12 674 664
15.0 to 24.9 acres	1982	235	4 439	386 977	173	149 884	214	237 093	193	13 246 011
25.0 to 49.9 acres	1982	322	11 131	1 005 084	266	360 367	312	644 717	300	38 557 363
50.0 to 99.9 acres	1982	210	14 383	1 244 108	177	425 338	210	818 770	209	52 285 906
100.0 acres or more	1982	158	30 697	2 718 692	150	1 018 377	157	1 700 315	157	112 357 930
Grapes (see text)	1982	1 317	12 787	6 468 085	292	293 831	1 232	6 174 254	953	94 866 073
	1978	1 484	15 502	7 777 357	350	399 156	1 420	7 378 201	1 247	118 356 478
0.1 to 0.9 acres	1982	336	80	30 748	120	3 745	275	27 003	120	83 054
1.0 to 4.9 acres	1982	355	860	396 266	71	18 766	338	377 500	250	3 956 274
5.0 to 14.9 acres	1982	386	3 211	1 559 205	50	69 851	380	1 489 354	349	22 258 158
15.0 to 24.9 acres	1982	110	2 022	1 019 544	20	62 699	109	956 845	106	14 720 101
25.0 to 49.9 acres	1982	80	2 570	1 316 981	20	59 935	80	1 257 046	78	19 792 986
50.0 to 99.9 acres	1982	41	2 801	1 459 681	7	55 925	41	1 403 756	41	22 651 020
100.0 acres or more	1982	9	1 243	685 660	4	22 910	9	662 750	9	11 404 480
Peaches	1982	1 355	10 436	1 055 893	885	299 043	1 060	756 850	874	45 232 818
	1978	1 314	10 735	1 040 407	810	301 010	1 081	739 397	946	50 993 384
Plums and prunes (see text)	1982	749	4 159	387 558	334	89 441	626	298 117	545	16 347 044
	1978	1 093	6 284	587 183	376	106 668	984	480 515	863	43 164 315

Table 43. Nursery and Greenhouse Products, Mushrooms, and Sod Grown for Sale by Value of Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Product		Under glass or other protection		In the open		Sales	
		Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse products, mushrooms, and sod grown for sale (see text)	1982	709	23 821 753	825	19 300	1 368	139 682
	1978	724	21 964 965	921	19 596	1 444	103 587
$1 to $2,499 sales	1982	94	118 404	183	354	257	314
$2,500 to $9,999 sales	1982	166	571 752	245	1 058	377	2 003
$10,000 to $39,999 sales	1982	142	1 249 973	188	2 072	290	5 878
$40,000 to $99,999 sales	1982	106	2 879 040	100	3 417	177	11 266
$100,000 to $199,999 sales	1982	95	4 486 528	51	2 411	131	18 006
$200,000 to $499,999 sales	1982	73	5 833 538	37	3 112	92	27 918
$500,000 sales or more	1982	33	8 682 518	21	6 876	44	74 296
Bedding plants	1982	514	12 971 418	80	409	554	37 286
	1978	491	9 287 409	101	383	537	22 433
$1 to $2,499 sales	1982	82	80 488	16	15	94	105
$2,500 to $9,999 sales	1982	129	447 564	24	45	145	827
$10,000 to $39,999 sales	1982	117	1 073 578	13	53	121	2 450
$40,000 to $99,999 sales	1982	72	2 067 047	8	190	77	4 782
$100,000 sales or more	1982	114	9 302 741	19	106	117	29 122
Foliage and flowering plants	1982	200	4 937 691	105	481	281	24 640
	1978	242	4 473 020	122	319	330	19 815
Nursery products	1982	79	2 444 830	526	11 407	547	46 862
	1978	86	3 776 878	570	10 118	592	34 718
$1 to $2,499 sales	1982	19	45 640	139	318	146	198
$2,500 to $9,999 sales	1982	11	69 900	164	798	171	899
$10,000 to $39,999 sales	1982	20	119 274	120	1 257	125	2 471
$40,000 to $99,999 sales	1982	10	82 732	50	1 210	50	2 951
$100,000 sales or more	1982	19	2 127 284	53	7 825	55	40 344

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Table 44. Summary by Tenure of Operator: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations end symbols, see introductory text]

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS									
Farms	number	58 642	35 478	19 518	3 646	28 432	11 938	14 490	2 004
	percent	100.0	60.5	33.3	6.2	48.5	20.4	24.7	3.4
Land in farms	acres	10 925 443	3 977 242	6 409 279	538 922	8 714 677	2 331 380	5 930 973	452 324
Average size of farm	acres	186	112	328	148	307	195	409	226
Value of land and buildings[1]	farms	58 642	35 580	19 401	3 661	28 410	11 931	14 497	1 982
	$1,000	13 366 236	4 900 211	7 716 182	749 843	10 750 367	2 928 572	7 160 384	661 411
Average per farm	dollars	227 929	137 724	397 721	204 819	378 401	245 459	493 922	333 709
Average per acre	dollars	1 223	1 226	1 211	1 338	1 230	1 229	1 217	1 396
Farms by value of land and buildings:									
$1 to $39,999		6 936	5 490	580	866	644	508	42	94
$40,000 to $69,999		10 009	8 313	1 206	490	1 552	1 181	278	93
$70,000 to $99,999		8 962	6 725	1 722	515	2 458	1 606	641	211
$100,000 to $149,999		8 794	5 880	2 533	381	3 783	2 156	1 358	269
$150,000 to $199,999		5 822	3 130	2 289	403	3 974	1 903	1 740	331
$200,000 to $499,999		12 045	4 755	6 613	677	10 061	3 405	6 001	655
$500,000 to $999,999		4 087	917	2 958	212	3 966	817	2 937	212
$1,000,000 to $1,999,999		1 471	278	1 119	74	1 457	264	1 119	74
$2,000,000 or more		516	92	381	43	515	91	381	43
Owned and rented land by operator:									
Land owned	farms	55 059	35 478	19 518	63	26 451	11 938	14 490	23
	acres	7 776 383	4 295 693	3 474 368	6 322	5 631 231	2 442 925	3 184 686	3 620
Land rented or leased from others	farms	23 198	34	19 518	3 646	16 509	15	14 490	2 004
	acres	3 553 697	2 057	3 007 091	544 549	3 253 541	1 130	2 797 242	455 169
Rented or leased land in farms	farms	23 105	16	19 443	3 646	16 475	9	14 462	2 004
	acres	3 535 482	970	2 995 590	538 922	3 242 276	652	2 789 300	452 324
Land rented or leased to others	farms	6 861	5 741	968	152	2 158	1 499	595	64
	acres	404 637	320 508	72 180	11 949	170 095	112 675	50 955	6 465
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	56 302	33 384	19 392	3 526	27 936	11 507	14 458	1 971
	acres	8 449 182	2 645 944	5 333 807	469 431	7 149 479	1 730 334	5 018 670	400 475
Harvested cropland	farms	53 720	31 131	19 155	3 434	27 631	11 263	14 417	1 951
	acres	7 249 972	2 020 180	4 805 201	424 591	6 427 512	1 466 679	4 592 238	368 595
Farms by acres harvested:									
1 to 49 acres		24 106	19 115	3 700	1 291	3 550	2 646	677	227
50 to 99 acres		10 560	6 602	3 140	818	5 825	3 548	1 808	469
100 to 199 acres		8 685	3 527	4 433	725	7 929	3 198	4 070	661
200 to 499 acres		7 471	1 554	5 438	479	7 431	1 538	5 420	473
500 to 999 acres		2 267	277	1 896	94	2 265	277	1 894	94
1,000 to 1,999 acres		541	49	467	25	541	49	467	25
2,000 acres or more		90	7	81	2	90	7	81	2
Cropland:									
Pasture or grazing only	farms	18 405	11 162	6 635	608	8 116	3 216	4 543	357
	acres	564 614	292 093	252 269	20 252	322 755	114 208	194 313	14 234
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 469	3 341	1 938	190	2 991	1 328	1 541	122
	acres	132 565	67 699	59 995	4 871	91 354	34 323	53 032	3 999
On which all crops failed	farms	2 802	1 489	1 167	146	1 338	466	784	88
	acres	55 721	24 157	29 084	2 480	34 183	10 048	22 498	1 637
In cultivated summer fallow	farms	5 098	2 964	1 905	229	2 652	1 086	1 428	138
	acres	113 526	55 699	52 544	5 283	75 053	27 704	43 596	3 753
Idle	farms	12 856	8 076	4 257	523	6 170	2 633	3 212	325
	acres	332 784	186 116	134 714	11 954	198 622	77 372	112 993	8 257
Total woodland	farms	31 623	19 572	11 178	873	16 054	6 889	8 597	568
	acres	1 428 189	779 451	612 912	35 826	873 780	335 701	511 409	26 670
Woodland pastured	farms	7 405	4 499	2 704	202	3 384	1 352	1 908	124
	acres	268 652	146 420	112 812	9 420	152 305	56 009	88 734	7 562
Woodland not pastured	farms	27 484	16 883	9 853	748	14 315	6 121	7 699	495
	acres	1 159 537	633 031	500 100	26 406	721 475	279 692	422 675	19 108
Pastureland and rangeland other than cropland and woodland pastured	farms	6 938	4 345	2 353	240	3 235	1 377	1 732	126
	acres	250 388	125 137	112 278	12 973	164 354	58 083	96 572	9 699
Land in house lots, ponds, roads, wasteland, etc.	farms	44 170	28 286	14 532	1 352	21 177	9 538	10 818	821
	acres	797 684	426 710	350 282	20 692	527 064	207 262	304 322	15 480
Pastureland, all types	farms	25 360	15 741	8 779	840	11 127	4 558	6 097	472
	acres	1 083 654	563 650	477 359	42 645	639 414	228 300	379 619	31 495
Irrigated land	ferms	3 172	1 719	1 278	175	2 455	1 127	1 198	130
	acres	285 784	73 002	200 907	11 875	281 338	69 592	200 219	11 527
Harvested cropland irrigated	farms	3 143	1 694	1 275	174	2 446	1 121	1 195	130
	acres	283 848	71 809	200 385	11 654	279 618	68 600	(D)	(D)
Pasture and other land irrigated	farms	93	70	17	6	57	38	15	4
	acres	1 936	1 193	522	221	1 720	992	(D)	(D)
Land set aside in federal farm programs in 1982	farms	4 488	1 784	2 484	220	3 543	1 090	2 284	169
	acres	85 139	19 623	62 227	3 289	78 695	14 916	60 733	3 046
TENURE AND RACE OF OPERATOR									
All operators		58 642	35 478	19 518	3 646	28 432	11 938	14 490	2 004
Full owners		35 478	35 478	-	-	11 938	11 938	-	-
Part owners		19 518	-	19 518	-	14 490	-	14 490	-
Tenants		3 646	-	-	3 646	2 004	-	-	2 004
White		58 337	35 263	19 453	3 621	28 346	11 890	14 461	1 995
Full owners		35 263	35 263	-	-	11 890	11 890	-	-
Part owners		19 453	-	19 453	-	14 461	-	14 461	-
Tenants		3 621	-	-	3 621	1 995	-	-	1 995
Black and other races		305	215	65	25	86	48	29	9
Full owners		215	215	-	-	48	48	-	-
Part owners		65	-	65	-	29	-	29	-
Tenants		25	-	-	25	9	-	-	9

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	47 552	28 554	17 191	1 807	23 630	9 552	12 930	1 148
Not on farm operated	6 642	3 598	1 454	1 590	2 806	1 104	960	742
Not reported	4 448	3 326	873	249	1 996	1 282	600	114
Operators by principal occupation:								
Farming	30 093	15 425	12 772	1 896	21 328	8 431	11 476	1 421
Other	28 549	20 053	6 746	1 750	7 104	3 507	3 014	583
Operators by days of work off farm:								
None	21 336	11 613	8 623	1 100	14 316	5 691	7 777	848
Any	33 575	21 292	9 886	2 397	11 863	4 975	5 835	1 053
1 to 99 days	5 017	2 456	2 082	479	2 998	993	1 721	284
100 to 199 days	5 380	3 326	1 669	385	2 166	949	1 038	179
200 days or more	23 178	15 510	6 135	1 533	6 699	3 033	3 076	590
Not reported	3 731	2 573	1 009	149	2 253	1 272	878	103
Operators by years on present farm:								
2 years or less	2 895	1 537	754	604	1 034	381	392	261
3 or 4 years	4 758	2 617	1 485	656	1 740	558	848	334
5 to 9 years	9 189	5 042	3 300	847	3 842	1 218	2 111	513
10 years or more	31 640	19 415	11 360	865	17 195	7 398	9 231	566
Average years on present farm	18.5	19.6	18.2	9.1	20.4	23.0	19.8	10.1
Not reported	10 160	6 867	2 619	674	4 621	2 383	1 908	330
Operators by age group:								
Under 25 years	1 630	450	471	709	943	206	373	364
25 to 34 years	7 871	3 281	3 331	1 259	4 201	1 015	2 444	742
35 to 44 years	13 272	7 239	5 291	742	6 098	2 026	3 674	398
45 to 54 years	13 417	8 115	4 860	442	6 765	2 802	3 729	234
55 to 64 years	13 352	8 959	4 078	315	7 056	3 602	3 272	182
65 years and over	9 100	7 434	1 487	179	3 369	2 287	998	84
Average age	49.5	52.5	46.4	36.8	48.5	52.9	46.6	36.5
Operators by sex:								
Male	56 175	33 526	19 093	3 556	27 702	11 476	14 255	1 971
Female	2 467	1 952	425	90	730	462	235	33
Operators of Spanish origin	116	87	20	9	40	24	14	2
FARMS BY TYPE OF ORGANIZATION								
Individual or family — farms	52 022	32 571	16 453	2 998	23 563	10 230	11 769	1 564
acres	8 462 560	3 402 362	4 676 453	383 745	6 412 134	1 868 040	4 233 503	310 591
Partnership — farms	5 495	2 291	2 685	519	3 983	1 271	2 369	343
acres	1 899 339	407 609	1 392 590	99 140	1 765 873	318 292	1 360 578	87 003
Corporation:								
Family held — farms	851	438	326	87	745	354	315	76
acres	481 652	115 655	313 843	52 154	466 455	103 555	311 500	51 400
More than 10 stockholders — farms	28	12	16	-	22	6	16	-
10 or less stockholders — farms	823	426	310	87	723	348	299	76
Other than family held — farms	96	57	25	14	74	44	20	10
acres	37 647	16 362	19 490	1 795	33 848	13 165	18 959	1 724
More than 10 stockholders — farms	7	7	-	-	6	6	-	-
10 or less stockholders — farms	89	50	25	14	68	38	20	10
Other—cooperative, estate or trust, institutional, etc. — farms	178	121	29	28	67	39	17	11
acres	44 245	35 254	6 903	2 088	36 367	28 328	6 433	1 606
FARMS BY SIZE								
1 to 9 acres	2 714	2 326	137	251	547	489	16	42
10 to 49 acres	14 297	11 409	1 921	967	1 712	1 296	244	172
50 to 69 acres	4 387	3 074	981	332	981	612	259	110
70 to 99 acres	7 711	5 778	1 468	465	2 573	1 659	651	263
100 to 139 acres	6 396	4 135	1 885	376	3 358	1 884	1 202	272
140 to 179 acres	4 838	2 811	1 711	316	3 159	1 578	1 322	259
180 to 219 acres	3 507	1 718	1 540	249	2 680	1 143	1 317	220
220 to 259 acres	2 671	1 156	1 358	157	2 181	801	1 226	154
260 to 499 acres	7 357	2 223	4 782	352	6 613	1 718	4 560	335
500 to 999 acres	3 672	673	2 855	144	3 546	590	2 816	140
1,000 to 1,999 acres	918	149	739	30	908	142	736	30
2,000 acres or more	174	26	141	7	174	26	141	7
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	22 114	11 655	8 370	2 089	11 715	4 225	6 387	1 103
Field crops, except cash grains (013)	4 323	3 186	965	172	1 151	548	523	80
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4 323	3 186	965	172	1 151	548	523	80
Vegetables and melons (016)	1 908	1 219	519	170	958	461	411	86
Fruits and tree nuts (017)	3 583	2 909	569	105	1 856	1 333	464	59
Horticultural specialties (018)	1 105	907	128	70	684	539	98	47
General farms, primarily crop (019)	2 214	1 546	599	69	674	250	380	44
Livestock, except dairy, poultry, and animal specialties (021)	13 173	9 007	3 675	491	4 110	1 979	1 910	221
Beef cattle, except feedlots (0212)	5 184	3 870	1 151	163	924	514	366	44
Dairy farms (024)	6 572	2 211	4 011	350	6 284	2 002	3 946	336
Poultry and eggs (025)	594	463	117	14	280	185	86	9
Animal specialties (027)	2 327	1 952	274	101	339	272	57	10
General farms, primarily livestock (029)	729	423	291	15	381	144	228	9

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of ebbreviations end symbols, see introductory text]

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	58 642	35 478	19 518	3 646	28 432	11 938	14 490	2 004
	$1,000	2 585 201	797 935	1 664 129	123 137	2 480 450	721 804	1 642 510	116 136
Ferms by value of sales:									
Less than $2,500		13 718	11 501	1 672	545	-	-	-	-
$2,500 to $4,999		7 751	5 936	1 356	459	-	-	-	-
$5,000 to $9,999		8 741	6 103	2 000	638	-	-	-	-
$10,000 to $19,999		8 043	4 892	2 503	648	8 043	4 892	2 503	648
$20,000 to $39,999		6 536	2 964	2 972	600	6 536	2 964	2 972	600
$40,000 to $99,999		7 233	2 463	4 287	483	7 233	2 463	4 287	483
$100,000 to $249,999		4 706	1 205	3 295	206	4 706	1 205	3 295	206
$250,000 to $499,999		1 434	288	1 093	53	1 434	288	1 093	53
$500,000 or more		480	126	340	14	480	126	340	14
Grains	farms	33 997	16 816	14 496	2 685	20 661	7 347	11 714	1 600
	$1,000	795 053	182 839	561 095	51 119	749 419	151 780	551 102	46 537
Sales of $40,000 or more	farms	5 012	831	3 896	285	5 012	831	3 896	285
	$1,000	524 359	69 839	429 059	25 462	524 359	69 839	429 059	25 462
Corn for grain	farms	23 664	10 656	11 114	1 894	15 936	5 257	9 428	1 251
	$1,000	438 592	94 139	318 382	26 071	418 518	80 518	313 950	24 050
Wheat	ferms	14 980	6 710	7 251	1 019	11 004	3 704	6 556	744
	$1,000	64 951	18 986	42 261	3 704	59 317	14 713	41 283	3 321
Soybeans	farms	14 788	6 381	7 037	1 370	9 946	3 144	5 934	868
	$1,000	174 318	40 790	120 443	13 085	161 000	32 211	117 184	11 605
Sorghum for grain	ferms	18	8	7	3	15	5	7	3
	$1,000	64	28	18	19	61	24	18	19
Oats	farms	8 994	4 116	4 185	693	5 846	1 908	3 488	450
	$1,000	20 227	6 684	12 066	1 477	16 887	4 377	11 336	1 175
Other grains	farms	6 720	2 616	3 504	600	5 398	1 705	3 240	453
	$1,000	96 900	22 213	67 925	6 763	93 635	19 938	67 331	6 367
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 525	6 972	4 047	506	5 327	2 148	2 882	297
	$1,000	47 623	21 972	23 527	2 125	36 112	12 930	21 414	1 769
Sales of $40,000 or more	farms	114	27	80	7	114	27	80	7
	$1,000	8 418	2 011	6 031	377	8 418	2 011	6 031	377
Vegetables, sweet corn, and melons	farms	3 625	2 137	1 238	250	2 102	942	1 014	146
	$1,000	115 464	40 712	67 422	7 331	111 584	37 749	66 894	6 942
Sales of $40,000 or more	farms	558	166	350	42	558	166	350	42
	$1,000	92 346	28 578	58 354	5 414	92 346	28 578	58 354	5 414
Fruits, nuts, and berries	farms	4 367	3 276	966	125	2 490	1 609	803	78
	$1,000	162 090	87 688	69 431	4 971	156 942	83 134	68 989	4 819
Sales of $40,000 or more	farms	967	568	375	24	967	568	375	24
	$1,000	133 368	65 967	63 484	3 916	133 368	65 967	63 484	3 916
Nursery and greenhouse products	farms	1 368	1 067	222	79	859	622	183	54
	$1,000	139 682	83 203	48 616	7 864	137 941	81 681	48 482	7 778
Sales of $40,000 or more	farms	444	330	86	28	444	330	86	28
	$1,000	131 486	76 848	47 356	7 282	131 486	76 848	47 356	7 282
Other crops	farms	2 012	640	1 196	176	1 777	475	1 149	153
	$1,000	104 367	17 733	80 793	5 842	103 969	17 477	80 704	5 788
Sales of $40,000 or more	farms	672	112	530	30	672	112	530	30
	$1,000	86 779	12 542	70 084	4 153	86 779	12 542	70 084	4 153
Poultry and poultry products	farms	3 097	2 032	974	91	1 146	543	560	43
	$1,000	101 258	55 946	43 705	1 607	100 485	55 322	43 572	1 591
Sales of $40,000 or more	farms	267	155	105	7	267	155	105	7
	$1,000	(D)	54 106	42 511	(D)	(D)	54 106	42 511	(D)
Dairy products	farms	7 584	2 631	4 552	401	7 153	2 320	4 451	382
	$1,000	611 698	138 927	447 906	24 865	610 183	137 888	447 518	24 777
Sales of $40,000 or more	ferms	4 738	1 171	3 365	202	4 738	1 171	3 365	202
	$1,000	558 808	115 218	422 864	20 726	558 808	115 218	422 864	20 726
Cattle and calves	farms	22 841	12 034	9 761	1 046	13 056	4 818	7 529	709
	$1,000	294 808	92 730	192 139	9 939	272 448	76 633	186 607	9 209
Sales of $40,000 or more	farms	889	255	594	40	889	255	594	40
	$1,000	171 059	42 058	124 282	4 718	171 059	42 058	124 282	4 718
Hogs and pigs	farms	7 190	3 649	3 155	386	4 306	1 602	2 453	251
	$1,000	182 584	52 761	123 513	6 310	177 062	48 836	122 213	6 014
Sales of $40,000 or more	farms	1 012	273	695	44	1 012	273	695	44
	$1,000	(D)	35 249	104 187	(D)	(D)	35 249	104 187	(D)
Sheep, lambs, and wool	farms	2 308	1 505	728	75	864	381	450	33
	$1,000	5 207	2 750	2 261	196	3 720	1 609	1 963	147
Sales of $40,000 or more	farms	13	5	8	-	13	5	8	-
	$1,000	1 197	486	710	-	1 197	486	710	-
Other livestock and livestock products (see text)	farms	3 692	2 694	864	134	966	546	386	34
	$1,000	25 366	20 674	3 722	970	20 586	16 766	3 053	767
Sales of $40,000 or more	farms	96	76	16	4	96	76	16	4
	$1,000	14 767	12 599	1 524	645	14 767	12 599	1 524	645
FARM-RELATED INCOME AND DIRECT SALES									
Income from machine work, customwork, and other agricultural services	farms	4 371	1 141	2 841	389	3 362	608	2 465	289
	$1,000	12 300	2 199	9 163	938	11 370	1 706	8 866	798
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	6 907	4 351	2 226	330	2 742	1 236	1 348	158
	$1,000	30 266	14 820	14 035	1 410	24 732	10 752	12 853	1 128

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
COMMODITY CREDIT CORPORATION LOANS								
Amount received ---- farms	3 791	916	2 625	250	3 502	731	2 559	212
$1,000	136 699	15 023	115 817	5 860	135 880	14 600	115 565	5 714
Feed grains ---- farms	3 085	726	2 171	188	2 895	611	2 126	158
$1,000	114 468	13 088	96 691	4 689	113 843	12 759	96 515	4 570
Wheat ---- farms	505	153	323	29	440	101	316	23
$1,000	3 166	267	2 793	106	3 137	248	2 785	104
Cotton ---- farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey ---- farms	925	147	706	72	879	122	691	66
$1,000	19 065	1 668	16 332	1 065	18 899	1 593	16 266	1 041
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ---- farms	16 843	9 591	6 431	821	8 438	3 246	4 694	498
$1,000	169 533	52 817	111 176	5 541	160 392	46 469	108 933	4 991
Farms with expenses of—								
$1 to $4,999	13 092	8 093	4 378	621	5 013	1 918	2 754	341
$5,000 to $19,999	2 291	995	1 161	135	1 977	837	1 048	92
$20,000 to $49,999	850	295	506	49	839	284	506	49
$50,000 or more	610	208	386	16	609	207	386	16
Feed for livestock and poultry ---- farms	27 172	15 461	10 542	1 169	13 989	5 334	7 926	729
$1,000	254 266	97 694	148 086	8 487	241 267	88 100	145 172	7 996
Farms with expenses of—								
$1 to $4,999	19 647	12 880	5 925	842	6 692	2 919	3 362	411
$5,000 to $19,999	4 797	1 760	2 807	230	4 576	1 599	2 755	222
$20,000 to $79,999	2 301	655	1 559	87	2 294	650	1 558	86
$80,000 or more	427	166	251	10	427	166	251	10
Commercially mixed formula feeds ---- farms	14 427	7 134	6 628	665	9 672	3 515	5 666	491
tons	860 366	373 765	456 875	29 725	834 463	354 896	450 809	28 757
$1,000	153 346	62 147	85 759	5 440	149 121	59 042	84 785	5 294
Farms by tons purchased:								
1 to 99 tons	13 046	6 622	5 828	596	8 300	3 011	4 866	423
100 to 499 tons	1 133	379	690	64	1 124	371	690	63
500 tons or more	248	133	110	5	248	133	110	5
Farms with expenses of—								
$1 to $4,999	9 696	5 706	3 531	459	5 024	2 146	2 592	286
$5,000 to $19,999	3 275	944	2 198	133	3 194	886	2 175	133
$20,000 to $49,999	978	277	660	41	976	276	660	40
$50,000 or more	478	207	239	32	478	207	239	32
Seeds, bulbs, plants, and trees ---- farms	41 833	21 625	17 283	2 925	25 256	9 647	13 828	1 781
$1,000	105 102	27 908	71 088	6 107	98 424	23 474	69 432	5 518
Farms with expenses of—								
$1 to $999	22 667	15 379	5 799	1 489	7 392	4 157	2 761	474
$1,000 to $4,999	14 185	5 306	7 732	1 147	12 885	4 551	7 316	1 018
$5,000 to $9,999	3 205	631	2 354	220	3 204	631	2 353	220
$10,000 or more	1 776	309	1 398	69	1 775	308	1 398	69
Commercial fertilizer ---- farms	42 990	22 971	17 108	2 911	25 312	10 031	13 530	1 751
$1,000	241 914	55 740	172 834	13 341	228 331	46 818	169 325	12 188
Farms with expenses of—								
$1 to $999	16 702	12 441	3 327	934	3 848	2 503	1 107	238
$1,000 to $4,999	14 922	7 919	5 718	1 285	10 116	4 918	4 372	826
$5,000 to $19,999	8 465	2 244	5 670	551	8 447	2 243	5 658	546
$20,000 or more	2 901	367	2 393	141	2 901	367	2 393	141
Other agricultural chemicals ---- farms	37 489	19 079	15 618	2 792	24 105	9 342	13 002	1 761
$1,000	114 084	31 857	75 192	7 036	108 087	27 708	73 908	6 470
Farms with expenses of—								
$1 to $999	19 590	12 978	5 220	1 392	7 600	4 111	2 963	526
$1,000 to $4,999	12 206	4 738	6 433	1 035	10 848	3 903	6 075	870
$5,000 to $19,999	4 730	1 156	3 243	331	4 694	1 121	3 242	331
$20,000 or more	963	207	722	34	963	207	722	34
Hired farm labor ---- farms	21 550	10 758	9 541	1 251	14 848	5 773	8 127	948
$1,000	185 819	66 618	109 877	9 324	179 495	61 856	108 590	9 049
Farms with expenses of—								
$1 to $4,999	15 616	8 704	5 951	961	8 947	3 752	4 537	658
$5,000 to $19,999	3 986	1 411	2 393	182	3 953	1 378	2 393	182
$20,000 to $49,999	1 305	417	827	61	1 305	417	827	61
$50,000 or more	643	226	370	47	643	226	370	47
Workers by days worked:								
150 days or more ---- farms	7 434	2 907	4 211	316	6 586	2 291	4 013	282
workers	20 204	7 264	12 021	919	19 029	6 413	11 745	871
Less than 150 days ---- farms	18 695	9 626	7 920	1 149	12 471	4 986	6 625	860
workers	109 743	54 268	50 003	5 472	89 628	38 536	46 307	4 785
Contract labor ---- farms	2 510	1 446	949	115	1 526	648	787	91
$1,000	14 445	5 799	8 093	554	13 525	5 072	7 930	522
Farms with expenses of—								
$1 to $999	1 084	720	308	56	431	191	203	37
$1,000 to $4,999	908	525	345	38	577	256	288	33
$5,000 to $19,999	369	152	198	19	369	152	198	19
$20,000 or more	149	49	98	2	149	49	98	2
Customwork, machine hire, and rental of machinery and equipment ---- farms	20 666	11 364	8 073	1 229	12 199	4 953	6 471	775
$1,000	30 383	10 927	17 371	2 085	26 120	7 771	16 539	1 810
Farms with expenses of—								
$1 to $999	13 152	8 232	4 168	752	5 891	2 715	2 778	398
$1,000 to $4,999	6 232	2 847	3 038	347	5 038	1 963	2 828	247
$5,000 to $19,999	1 184	269	791	124	1 172	259	789	124
$20,000 or more	98	16	76	6	98	16	76	6

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Energy and petroleum products ---- farms	58 417	35 380	19 394	3 643	28 396	11 924	14 490	1 982
$1,000	228 394	81 130	134 796	12 468	207 035	65 449	130 307	11 279
Farms with expenses of—								
$1 to $999	24 855	19 700	3 740	1 415	2 318	1 485	687	146
$1,000 to $4,999	21 632	12 271	7 751	1 610	14 155	7 036	5 901	1 218
$5,000 to $19,999	10 049	2 954	6 546	549	10 042	2 948	6 545	549
$20,000 or more	1 881	455	1 357	69	1 881	455	1 357	69
Petroleum products ---- farms	58 356	35 327	19 386	3 643	28 396	11 924	14 490	1 982
$1,000	181 191	62 685	108 127	10 379	164 930	50 892	104 651	9 387
Gasoline and gasohol ---- farms	53 774	32 446	18 076	3 252	26 420	11 037	13 534	1 849
$1,000	70 655	28 515	38 049	4 090	60 118	20 666	35 918	3 534
Diesel fuel ---- farms	32 761	15 489	14 824	2 448	22 298	8 034	12 642	1 622
$1,000	70 934	18 219	48 295	4 419	67 334	15 884	47 357	4 092
LP gas, butane, and propane ---- farms	7 807	3 020	4 367	420	6 819	2 321	4 139	359
$1,000	16 046	4 207	11 135	703	15 837	4 058	11 086	693
Fuel oil and kerosene ---- farms	4 420	2 454	1 741	225	2 973	1 321	1 477	175
$1,000	2 857	1 526	1 189	142	2 618	1 325	1 159	135
Natural gas ---- farms	1 814	885	855	74	1 496	605	823	68
$1,000	10 333	6 477	3 485	371	10 246	6 397	3 479	370
Motor oil and grease ---- farms	58 358	35 327	19 386	3 643	28 396	11 924	14 490	1 982
$1,000	10 366	3 741	5 972	653	8 776	2 561	5 653	563
Electricity ---- farms	42 581	24 834	15 697	2 050	23 946	10 107	12 510	1 329
$1,000	45 667	17 625	26 064	1 979	41 107	14 148	25 151	1 808
Other—coal, wood, coke, etc. ---- farms	3 720	2 228	1 304	188	1 910	816	975	119
$1,000	1 536	820	605	110	998	409	505	84
Interest expense ---- farms	27 193	12 115	13 302	1 776	18 666	6 240	11 125	1 301
$1,000	273 637	67 436	198 057	8 144	255 570	54 829	193 191	7 550
Farms with expenses of—								
$1 to $999	6 547	3 619	2 313	615	2 894	1 230	1 338	326
$1,000 to $4,999	9 752	5 193	3 927	632	5 759	2 312	2 983	464
$5,000 to $9,999	4 093	1 671	2 118	304	3 370	1 150	1 924	296
$10,000 or more	6 801	1 632	4 944	225	6 643	1 548	4 880	215
Farms reporting no interest expense (see text)	28 694	21 503	5 427	1 764	8 514	5 019	2 893	602
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ---- farms	58 530	35 496	19 391	3 643	28 399	11 930	14 487	1 982
$1,000	2 674 025	1 020 193	1 490 162	163 670	2 180 792	655 382	1 391 656	133 753
Farms by value group:								
$1 to $4,999	4 383	3 598	515	270	394	258	85	51
$5,000 to $9,999	12 499	10 153	1 696	650	1 167	735	335	97
$10,000 to $19,999	10 999	7 727	2 607	665	3 718	2 186	1 301	231
$20,000 to $49,999	14 187	8 109	5 050	1 028	8 460	4 147	3 641	672
$50,000 to $99,999	8 350	3 509	4 278	563	6 979	2 537	3 940	502
$100,000 to $199,999	5 653	1 869	3 473	311	5 303	1 598	3 420	285
$200,000 to $499,999	2 278	502	1 626	150	2 197	440	1 619	138
$500,000 or more	181	29	146	6	181	29	146	6
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---- farms	41 140	23 647	15 281	2 212	23 207	9 456	12 338	1 413
number	58 638	32 801	22 822	3 015	34 441	13 630	18 858	1 953
Motortrucks, including pickups ---- farms	49 532	28 666	17 807	3 059	26 381	10 881	13 681	1 819
number	80 281	40 429	34 888	4 964	51 686	18 714	29 607	3 365
Wheel tractors ---- farms	53 610	31 876	18 549	3 185	26 943	11 221	13 952	1 770
number	146 541	74 195	63 867	8 479	95 709	35 771	54 263	5 675
2 or 3 ---- farms	26 620	16 489	8 469	1 662	12 758	5 974	5 856	928
number	64 556	39 211	21 324	4 021	32 591	15 088	15 185	2 318
4 or more ---- farms	13 344	5 028	7 594	722	11 578	3 833	7 151	594
number	68 339	24 625	40 057	3 657	60 511	19 269	38 133	3 109
Grain and bean combines, self-propelled only ---- farms	19 289	7 816	9 934	1 539	14 379	4 481	8 801	1 097
number	21 053	8 308	11 049	1 696	15 849	4 830	9 795	1 224
Corn heads for combines ---- farms	12 359	3 963	7 449	947	10 434	2 806	6 884	744
number	13 576	4 254	8 284	1 038	11 542	3 032	7 694	816
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ---- farms	19 522	9 718	8 895	909	11 807	4 277	6 901	629
number	21 047	10 686	9 400	961	12 558	4 548	7 349	661
Pickup balers ---- farms	23 277	12 123	10 022	1 132	13 345	4 919	7 664	762
number	25 041	12 707	11 148	1 186	14 607	5 182	8 623	802
Field forage harvesters, sheer bar or flywheel ---- farms	9 970	3 858	5 611	501	7 652	2 367	4 884	401
number	11 798	4 413	6 776	609	9 097	2 707	5 901	489
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ---- farms	43 010	22 985	17 114	2 911	25 318	10 031	13 536	1 751
acres on which used	5 968 479	1 516 561	4 083 068	368 850	5 480 095	1 194 614	3 956 279	329 202
Lime ---- farms	6 749	3 077	3 292	380	4 618	1 520	2 816	282
acres on which used	252 250	70 600	169 634	12 016	220 947	48 337	161 987	10 623
tons	506 093	142 374	339 182	24 537	442 061	95 761	324 026	22 274
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ---- farms	15 585	7 950	6 555	1 080	10 884	4 244	5 851	789
acres on which used	1 810 103	441 973	1 268 046	100 084	1 727 363	380 940	1 252 210	94 213

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
AGRICULTURAL CHEMICALS[1]—Con.								
Sprays, dusts, granules, fumigants, etc., to control—Con.								
Nematodes in crops ---- farms	2 473	994	1 287	192	2 003	655	1 170	178
acres on which used	275 544	56 077	199 097	20 370	267 169	50 628	196 486	20 055
Diseases in crops and orchards ---- farms	5 391	3 538	1 604	249	3 446	1 838	1 451	157
acres on which used	344 933	120 868	210 188	13 877	325 293	103 895	208 318	13 080
Weeds, grass, or brush in crops and pasture ---- farms	30 424	14 560	13 409	2 455	20 202	7 437	11 204	1 561
acres on which used	4 285 002	960 342	3 025 555	299 105	4 003 562	788 366	2 946 862	268 334
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	1 998	1 203	702	93	1 484	764	652	68
acres on which used	127 527	46 044	73 579	7 904	120 279	41 263	71 571	7 445
LIVESTOCK								
Cattle and calves inventory ---- farms	25 647	14 201	10 352	1 094	13 284	4 860	7 714	710
number	1 341 257	420 602	867 305	53 350	1 167 528	300 394	820 058	47 076
Farms with—								
1 to 9	7 525	5 501	1 773	251	1 400	616	706	78
10 to 49	10 717	6 494	3 702	521	4 862	2 244	2 284	334
50 to 99	3 690	1 362	2 132	196	3 334	1 168	1 994	172
100 to 199	2 432	636	1 708	88	2 406	624	1 694	88
200 to 499	1 112	170	909	33	1 111	170	908	33
500 or more	171	38	128	5	171	38	128	5
Cows and heifers that had calved ---- farms	18 723	9 918	8 018	787	10 210	3 577	6 094	539
number	537 477	167 405	346 824	23 248	470 629	121 429	328 257	20 943
Beef cows ---- farms	10 806	6 872	3 535	399	3 437	1 400	1 855	182
number	140 158	68 354	64 753	7 051	79 579	26 734	47 889	4 956
Farms with—								
1 to 9	6 600	4 559	1 812	229	1 438	593	761	84
10 to 49	3 821	2 181	1 489	151	1 666	704	880	82
50 to 99	277	104	160	13	226	75	141	10
100 to 199	80	22	56	2	80	22	56	2
200 to 499	21	6	12	3	20	6	11	3
500 or more	7	-	6	1	7	-	6	1
Milk cows ---- farms	9 137	3 717	4 984	436	7 431	2 424	4 617	390
number	397 319	99 051	282 071	16 197	391 050	94 695	280 368	15 987
Farms with—								
1 to 4	1 599	1 134	422	43	303	132	159	12
5 to 9	414	275	122	17	179	93	76	10
10 to 49	4 083	1 650	2 174	259	3 909	1 541	2 117	251
50 to 99	2 083	526	1 465	92	2 082	526	1 464	92
100 to 199	838	112	702	24	838	112	702	24
200 to 499	113	20	92	1	113	20	92	1
500 or more	7	-	7	-	7	-	7	-
Heifers and heifer calves ---- farms	18 586	9 624	8 144	818	10 473	3 653	6 264	556
number	421 002	119 513	284 841	16 648	375 321	88 159	272 220	14 942
Steers, steer calves, bulls, and bull calves ---- farms	21 592	11 889	8 782	921	11 073	4 034	6 452	587
number	382 778	133 684	235 640	13 454	321 578	90 806	219 581	11 191
Cattle and calves sold ---- farms	22 841	12 034	9 761	1 046	13 056	4 818	7 529	709
number	639 849	219 352	397 293	23 204	573 868	172 070	380 831	20 967
$1,000	294 808	92 730	192 139	9 939	272 448	76 633	186 607	9 209
Calves ---- farms	10 734	5 219	4 981	534	6 783	2 338	4 065	380
number	174 855	73 935	94 272	6 648	150 946	57 116	88 069	5 761
$1,000	27 672	15 123	11 775	774	23 429	12 158	10 660	611
Cattle ---- farms	20 491	10 677	8 905	909	11 978	4 408	6 944	626
number	464 994	145 417	303 021	16 556	422 922	114 954	292 762	15 206
$1,000	267 137	77 608	180 363	9 165	249 020	64 475	175 947	8 597
Fattened on grain and concentrates ---- farms	9 025	4 819	3 833	373	4 851	1 822	2 787	242
number	278 412	70 656	199 046	8 710	260 917	57 991	194 688	8 238
$1,000	173 440	41 878	126 348	5 214	164 767	35 636	124 164	4 967
Hogs and pigs inventory ---- farms	7 429	3 893	3 156	380	4 169	1 541	2 383	245
number	1 062 335	320 720	704 162	37 453	1 007 780	282 482	690 528	34 770
Farms with—								
1 to 24	3 775	2 382	1 229	164	1 165	464	637	64
25 to 49	899	459	376	64	509	216	254	39
50 to 99	793	395	353	45	602	253	309	40
100 to 199	737	310	372	55	675	267	358	50
200 to 499	677	208	434	35	671	203	433	35
500 or more	548	139	392	17	547	138	392	17
Used or to be used for breeding ---- farms	4 687	2 369	2 078	240	2 843	1 078	1 600	165
number	154 268	50 168	98 493	5 607	143 429	42 698	95 657	5 074
Other ---- farms	6 880	3 530	2 995	355	3 949	1 433	2 281	235
number	908 067	270 552	605 669	31 846	864 351	239 784	594 871	29 696
Hogs and pigs sold ---- farms	7 190	3 649	3 155	386	4 306	1 602	2 453	251
number	1 732 619	548 682	1 120 234	63 703	1 666 958	502 772	1 103 744	60 442
$1,000	182 584	52 761	123 513	6 310	177 062	48 836	122 213	6 014
Feeder pigs ---- farms	2 184	1 173	895	116	1 218	517	625	76
number	388 321	191 105	179 700	17 516	355 848	168 725	170 810	16 313
$1,000	19 044	9 200	8 995	849	17 663	8 222	8 647	795
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms	4 965	2 533	2 174	258	2 958	1 121	1 663	174
number	202 305	66 794	128 276	7 235	192 083	59 714	125 616	6 753
Dec. 1 and May 31 ---- farms	4 102	2 053	1 843	206	2 602	998	1 459	145
number	96 366	31 970	60 945	3 451	91 542	28 604	59 706	3 232
June 1 and Nov. 30 ---- farms	4 134	2 000	1 913	221	2 652	986	1 513	153
number	105 939	34 824	67 331	3 784	100 541	31 110	65 910	3 521

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Sheep and lambs of all ages inventory ... farms	2 401	1 552	768	81	897	399	464	34
number	115 517	65 323	45 699	4 495	67 479	29 634	34 937	2 908
Ewes 1 year old or older ... farms	2 103	1 357	675	71	790	346	416	28
number	68 288	38 171	27 399	2 718	37 170	15 363	20 172	1 635
Sheep and lambs sold ... farms	2 172	1 416	689	67	829	367	431	31
number	88 782	49 028	36 547	3 207	59 840	26 878	30 756	2 206
Sheep and lambs shorn ... farms	2 060	1 337	653	70	781	341	411	29
number	101 512	52 790	44 463	4 259	62 035	23 442	35 783	2 810
pounds of wool	782 410	413 466	334 841	34 103	478 501	184 914	270 979	22 608
Horses and ponies inventory ... farms	9 536	6 397	2 819	320	2 675	1 101	1 465	109
number	52 611	35 818	14 878	1 915	14 766	7 285	7 104	377
Horses and ponies sold ... farms	2 403	1 726	593	84	597	318	259	20
number	7 808	5 517	2 080	211	3 268	2 047	1 173	48
$1,000	11 086	7 988	2 887	211	7 474	5 096	2 302	76
Goats inventory ... farms	1 245	870	331	44	233	98	126	9
number	11 126	6 913	3 844	369	3 678	1 129	2 520	29
Goats sold ... farms	505	340	148	17	84	36	45	3
number	4 027	2 723	1 215	89	1 027	381	639	7
$1,000	158	113	43	2	41	20	21	(Z)
POULTRY								
Chickens 3 months old or older inventory ... farms	5 785	3 869	1 729	187	1 764	753	918	93
number	7 561 180	4 737 254	2 676 108	147 818	7 415 006	4 624 158	2 646 158	144 690
Farms with—								
1 to 399	5 470	3 702	1 590	178	1 470	601	785	84
400 to 3,199	89	43	44	2	68	28	38	2
3,200 to 9,999	65	34	30	1	65	34	30	1
10,000 to 19,999	70	39	27	4	70	39	27	4
20,000 to 49,999	54	28	25	1	54	28	25	1
50,000 to 99,999	23	14	8	1	23	14	8	1
100,000 or more	14	9	5	-	14	9	5	-
Hens and pullets of laying age ... farms	5 707	3 820	1 703	184	1 732	737	903	92
number	6 593 729	4 095 259	2 370 325	128 145	6 462 136	3 993 039	2 343 855	125 242
Pullets 3 months old or older not of laying age ... farms	683	473	181	29	174	81	76	17
number	967 451	641 995	305 783	19 673	952 870	631 119	302 303	19 448
Chickens 3 months old or older sold ... farms	1 071	676	366	29	556	276	262	18
number	7 569 952	4 291 189	3 115 635	163 128	7 522 794	4 251 493	3 111 053	160 248
Broilers and other meat-type chickens sold ... farms	636	390	221	25	194	76	106	12
number	601 403	490 443	108 529	2 431	563 215	465 046	96 959	1 210
Farms with—								
1 to 1,999	627	383	219	25	185	69	104	12
2,000 to 59,999	6	5	1	-	6	5	1	-
60,000 to 99,999	2	1	1	-	2	1	1	-
100,000 or more	1	1	-	-	1	1	-	-
Turkey hens kept for breeding ... farms	269	171	88	10	62	20	41	1
number	43 754	35 745	7 980	29	42 999	35 190	(D)	(D)
Turkeys sold ... farms	265	173	84	8	74	32	39	3
number	1 901 774	440 534	1 460 913	327	1 896 752	436 813	1 459 886	53
CROPS HARVESTED								
Corn for grain or seed ... farms	30 784	14 336	14 229	2 219	20 242	6 922	11 851	1 469
acres	2 566 700	597 638	1 814 263	154 799	2 386 819	481 822	1 766 911	138 086
bushels	256 304 308	56 011 968	185 508 288	14 784 052	243 114 391	47 357 538	182 239 623	13 517 230
Irrigated ... farms	811	219	559	33	764	182	553	29
acres	135 306	29 670	101 188	4 448	134 580	29 181	101 093	4 306
Farms by acres harvested:								
1 to 24 acres	11 724	7 962	3 034	728	3 519	1 958	1 327	234
25 to 99 acres	11 873	5 112	5 710	1 051	9 565	3 713	5 053	799
100 to 249 acres	4 925	972	3 613	340	4 896	961	3 599	336
250 acres or more	2 262	290	1 872	100	2 262	290	1 872	100
Corn for silage or green chop ... farms	9 596	3 424	5 689	483	7 874	2 331	5 146	397
acres	390 046	90 137	284 671	15 238	369 929	78 043	277 850	14 036
tons, green	5 196 764	1 138 783	3 861 472	196 509	4 981 297	1 006 953	3 791 973	182 371
Irrigated ... farms	108	21	85	2	105	19	84	2
acres	5 095	(D)	3 830	(D)	5 071	(D)	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	4 952	2 307	2 364	281	3 406	1 319	1 879	208
25 to 99 acres	3 740	968	2 597	175	3 569	864	2 543	162
100 to 249 acres	784	132	629	23	779	131	625	23
250 acres or more	120	17	99	4	120	17	99	4
Wheat for grain ... farms	15 413	6 975	7 400	1 038	11 150	3 756	6 643	751
acres	513 197	156 701	325 612	30 884	453 529	112 437	314 319	26 773
bushels	20 754 410	6 064 070	13 478 411	1 211 929	18 786 515	4 585 126	13 126 940	1 074 449
Irrigated ... farms	59	17	37	5	50	12	35	3
acres	5 041	1 310	3 475	256	4 952	1 245	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	8 913	5 022	3 244	647	5 172	2 177	2 603	392
25 to 99 acres	5 575	1 807	3 426	342	5 058	1 437	3 311	310
100 to 249 acres	836	138	654	44	831	134	653	44
250 acres or more	89	8	76	5	89	8	76	5
Oats for grain ... farms	16 623	7 764	7 859	1 000	10 866	3 716	6 476	674
acres	398 493	136 940	237 671	23 882	322 730	86 899	217 504	18 327
bushels	24 765 511	8 178 687	15 127 533	1 459 291	20 898 538	5 571 226	14 160 702	1 166 610
Irrigated ... farms	42	20	21	1	25	7	17	1
acres	529	(D)	299	(D)	404	(D)	274	(D)

See footnotes at end of table.

Table 44. **Summary by Tenure of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED—Con.								
Soybeans for beans ---- farms	14 902	6 455	7 071	1 376	9 972	3 152	5 951	869
acres	1 122 519	274 450	760 110	87 959	1 001 445	200 330	726 762	74 353
bushels	34 304 408	8 055 856	23 641 049	2 607 503	31 395 387	6 221 090	22 902 217	2 272 080
Irrigated ---- farms	278	75	188	15	255	57	185	13
acres	24 942	4 805	18 952	1 185	24 525	(D)	18 807	(D)
Farms by acres harvested:								
1 to 24 acres	4 719	2 919	1 375	425	1 727	780	802	145
25 to 99 acres	6 873	3 013	3 161	699	4 975	1 856	2 641	478
100 to 249 acres	2 470	427	1 829	214	2 430	420	1 802	208
250 acres or more	840	96	706	38	840	96	706	38
Dry edible beans, excluding dry limes ---- farms	5 838	2 264	3 021	553	4 750	1 512	2 817	421
acres	502 250	112 131	353 018	37 101	478 959	96 685	348 190	34 084
cwt	7 161 680	1 593 606	5 052 604	515 470	6 883 548	1 407 990	4 997 838	477 720
Irrigated ---- farms	89	25	56	8	82	19	55	8
acres	10 302	(D)	7 804	(D)	10 250	1 582	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 511	877	475	159	764	353	334	77
25 to 99 acres	2 676	1 121	1 258	297	2 344	897	1 199	248
100 to 249 acres	1 247	227	941	79	1 238	223	937	78
250 acres or more	404	39	347	18	404	39	347	18
Irish potatoes ---- farms	765	366	360	39	505	161	312	32
acres	48 664	9 314	37 228	2 122	48 309	9 042	37 162	2 106
cwt	12 414 828	2 210 878	9 588 887	615 063	12 367 369	2 172 514	9 581 783	613 072
Irrigated ---- farms	237	68	153	16	210	46	150	14
acres	26 556	4 195	20 764	1 597	26 503	(D)	20 761	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	367	251	100	16	125	59	57	9
5.0 to 24.9 acres	103	47	51	5	85	34	46	5
25.0 to 99.9 acres	130	38	79	13	130	38	79	13
100.0 acres or more	165	30	130	5	165	30	130	5
Sugar beets for sugar ---- farms	1 351	336	876	139	1 297	310	862	125
acres	96 582	15 424	74 383	6 775	96 078	15 141	74 261	6 676
tons	1 810 556	293 249	1 386 147	131 160	1 802 047	288 785	1 383 784	129 478
Irrigated ---- farms	14	4	8	2	13	3	8	2
acres	550	(D)	295	(D)	(D)	(D)	295	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	28 513	16 413	10 932	1 168	14 091	5 300	8 061	730
acres	1 363 149	499 728	810 330	53 091	1 037 167	273 795	721 177	42 195
tons, dry	3 470 998	1 137 487	2 194 041	139 470	2 885 258	731 003	2 036 298	117 957
Irrigated ---- farms	139	55	78	6	100	25	71	4
acres	5 373	1 460	3 827	86	5 007	(D)	3 782	(D)
Farms by acres harvested:								
1 to 24 acres	14 143	9 993	3 597	553	4 145	1 942	1 966	237
25 to 99 acres	10 497	5 529	4 483	485	6 358	2 593	3 385	380
100 to 249 acres	3 282	813	2 359	110	3 010	690	2 223	97
250 acres or more	591	78	493	20	578	75	487	16
Alfalfa hay ---- farms	24 283	13 652	9 652	979	12 696	4 701	7 350	645
acres	948 882	367 094	543 846	37 942	715 069	200 893	483 303	30 873
tons, dry	2 707 341	921 142	1 674 863	111 336	2 249 507	596 389	1 557 782	95 336
Irrigated ---- farms	111	50	58	3	79	24	53	2
acres	3 713	1 210	2 485	18	3 408	(D)	2 450	(D)
Vegetables harvested for sale (see text) ---- farms	3 629	2 140	1 238	251	2 102	942	1 014	146
acres	126 170	38 421	77 911	9 838	118 910	32 994	76 727	9 188
Irrigated ---- farms	775	389	329	57	552	209	305	38
acres	43 137	11 245	30 549	1 343	42 434	10 717	30 464	1 253
Farms by acres harvested:								
0.1 to 4.9 acres	1 309	965	265	79	303	154	129	20
5.0 to 24.9 acres	1 279	801	386	92	782	426	304	52
25.0 to 99.9 acres	768	312	387	69	744	300	381	63
100.0 acres or more	273	62	200	11	273	62	200	11
Land in orchards ---- farms	4 274	3 220	930	124	2 093	1 293	729	71
acres	165 121	93 229	65 451	6 442	148 000	78 316	63 782	5 902
Irrigated ---- farms	442	303	125	14	319	196	114	9
acres	14 298	8 641	5 193	465	13 410	7 906	5 047	456
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	1 300	1 078	196	26	180	91	82	7
5.0 to 24.9 acres	1 478	1 194	238	46	554	365	172	17
25.0 to 99.9 acres	1 061	717	305	39	927	609	284	34
100.0 acres or more	435	231	191	13	432	228	191	13
Apples ---- farms	2 783	2 059	653	71	1 406	852	510	44
Bearing and nonbearing ---- acres	69 658	38 395	28 434	2 828	62 595	32 319	27 750	2 526
pounds	915 575 438	452 214 549	427 317 101	36 043 788	900 436 491	439 180 394	425 809 157	35 446 940
Cherries ---- farms	2 071	1 515	497	59	1 254	798	417	39
Bearing and nonbearing ---- acres	65 347	37 263	25 646	2 439	60 120	32 663	25 099	2 358
pounds	231 351 118	123 736 440	98 079 761	9 534 917	224 846 281	118 142 434	97 432 260	9 271 587
Grapes (see text) ---- farms	1 312	1 010	267	35	532	322	195	15
Bearing and nonbearing ---- acres	12 781	8 104	4 143	534	9 935	5 600	3 903	433
Fresh weight ---- pounds	94 862 025	56 752 890	35 198 826	2 910 309	81 759 677	44 906 733	34 271 944	2 581 000

[1]Data are based on a sample of farms.

Table 45. Summary by Type of Organization: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
FARMS AND LAND IN FARMS										
Farms	number	58 642	52 022	5 495	947	851	823	96	89	178
	percent	100.0	88.7	9.4	1.6	1.5	1.4	.2	.2	.3
Land in farms	acres	10 925 443	8 462 560	1 899 339	519 299	481 652	452 739	37 647	35 698	44 245
Average size of farm	acres	186	163	346	548	566	550	392	401	249
Value of land and buildings[1]	farms	58 642	52 155	5 409	913	839	807	74	63	165
	$1,000	13 366 236	10 091 777	2 340 799	855 464	798 777	752 719	56 687	48 760	78 196
Average per farm	dollars	227 929	193 496	432 760	936 981	952 058	932 737	766 041	773 968	473 915
Average per acre	dollars	1 223	1 191	1 249	1 628	1 634	1 637	1 547	1 449	1 368
Farms by value of land and buildings:										
$1 to $39,999		6 936	6 440	457	33	25	25	8	8	6
$40,000 to $69,999		10 009	9 491	461	43	40	40	3	2	14
$70,000 to $99,999		8 962	8 514	427	13	11	11	2	1	8
$100,000 to $149,999		8 794	8 179	518	73	64	64	9	9	24
$150,000 to $199,999		5 822	5 181	558	55	54	54	1	1	28
$200,000 to $499,999		12 045	10 212	1 536	253	224	212	29	23	44
$500,000 to $999,999		4 087	3 002	879	176	167	164	9	9	30
$1,000,000 to $1,999,999		1 471	901	415	149	143	134	6	5	6
$2,000,000 or more		516	235	158	118	111	103	7	5	5
Owned and rented land by operator:										
Land owned	farms	55 059	49 077	4 985	847	765	737	82	75	150
	acres	7 776 383	6 176 765	1 210 588	346 417	318 982	294 146	27 435	25 436	42 613
Land rented or leased from others	farms	23 198	19 482	3 207	452	413	397	39	39	57
	acres	3 553 697	2 637 603	725 139	186 613	(D)	169 533	(D)	(D)	4 342
Rented or leased land in farms	farms	23 105	19 401	3 198	449	411	395	38	38	57
	acres	3 535 482	2 623 256	722 557	185 358	173 268	168 643	12 090	12 090	4 311
Land rented or leased to others	farms	6 861	6 194	515	120	105	96	15	14	32
	acres	404 637	351 808	36 388	13 731	(D)	10 940	(D)	(D)	2 710
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	56 302	49 930	5 305	896	810	782	86	81	171
	acres	8 449 182	6 447 061	1 568 672	408 541	384 403	365 146	24 138	23 096	24 908
Harvested cropland	farms	53 720	47 528	5 174	854	774	746	80	75	164
	acres	7 249 972	5 452 716	1 418 752	358 074	341 931	325 340	16 143	15 285	20 430
Farms by acres harvested:										
1 to 49 acres		24 106	22 524	1 238	249	221	213	28	28	95
50 to 99 acres		10 560	9 653	796	82	65	65	17	15	29
100 to 199 acres		8 685	7 650	899	116	100	98	16	15	20
200 to 499 acres		7 471	5 911	1 377	170	158	154	12	10	13
500 to 999 acres		2 267	1 462	660	140	135	129	5	5	5
1,000 to 1,999 acres		541	291	177	72	72	64	–	–	1
2,000 acres or more		90	37	27	25	23	23	2	2	1
Cropland:										
Pasture or grazing only	farms	18 405	16 517	1 650	202	173	165	29	27	36
	acres	564 614	480 533	67 257	15 548	13 073	11 947	2 475	(D)	1 276
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 469	4 798	544	108	102	98	6	6	19
	acres	132 565	104 589	17 988	9 210	8 528	7 990	682	682	778
On which all crops failed	farms	2 802	2 478	283	29	23	23	6	6	12
	acres	55 721	46 935	7 673	1 015	(D)	(D)	(D)	(D)	98
In cultivated summer fallow	farms	5 098	4 489	516	78	75	73	3	3	15
	acres	113 526	94 540	14 199	4 043	(D)	(D)	(D)	(D)	744
Idle	farms	12 856	11 337	1 235	232	209	202	23	21	52
	acres	332 784	267 748	42 803	20 651	16 540	15 588	4 111	(D)	1 582
Total woodland	farms	31 623	28 011	3 067	457	421	403	36	32	88
	acres	1 428 189	1 170 206	188 657	60 512	52 176	45 058	8 336	8 142	8 814
Woodland pastured	farms	7 405	6 634	665	91	80	75	11	8	15
	acres	268 652	221 529	30 372	16 274	13 050	10 303	3 224	(D)	477
Woodland not pastured	farms	27 484	24 248	2 750	407	380	364	27	26	79
	acres	1 159 537	948 677	158 285	44 238	39 126	34 755	5 112	(D)	8 337
Pastureland and rangeland other than cropland and woodland pastured	farms	6 938	6 119	704	100	88	84	12	10	15
	acres	250 388	201 603	31 364	16 555	14 436	14 012	2 119	(D)	866
Land in house lots, ponds, roads, westeland, etc.	farms	44 170	39 348	3 993	701	633	614	68	62	128
	acres	797 684	643 690	110 646	33 691	30 637	28 523	3 054	(D)	9 657
Pastureland, all types	farms	25 360	22 730	2 278	297	261	250	36	33	55
	acres	1 083 654	903 665	128 993	48 377	40 559	36 262	7 818	6 924	2 619
Irrigated land	farms	3 172	2 350	492	321	296	283	25	24	9
	acres	285 784	164 136	60 993	55 556	53 227	50 142	2 329	(D)	5 099
Harvested cropland irrigated	farms	3 143	2 323	490	321	296	283	25	24	9
	acres	283 848	163 045	(D)	54 873	(D)	(D)	(D)	(D)	(D)
Pasture and other land irrigated	farms	93	69	11	11	10	10	1	1	2
	acres	1 936	1 091	(D)	683	(D)	(D)	(D)	(D)	(D)
Land set aside in federal farm programs in 1982	farms	4 488	3 804	586	81	77	76	4	4	17
	acres	85 139	62 204	17 319	4 837	4 415	(D)	422	422	779
TENURE AND RACE OF OPERATOR										
All operators		58 642	52 022	5 495	947	851	823	96	89	178
Full owners		35 478	32 571	2 291	495	438	426	57	50	121
Part owners		19 518	16 453	2 685	351	326	310	25	25	29
Tenants		3 646	2 998	519	101	87	87	14	14	28
White		58 337	51 741	5 473	947	851	823	96	89	176
Full owners		35 263	32 372	2 276	495	438	426	57	50	120
Part owners		19 453	16 393	2 680	351	326	310	25	25	29
Tenants		3 621	2 976	517	101	87	87	14	14	27
Black and other races		305	281	22	–	–	–	–	–	2
Full owners		215	199	15	–	–	–	–	–	1
Part owners		65	60	5	–	–	–	–	–	–
Tenants		25	22	2	–	–	–	–	–	1

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		47 552	42 612	4 269	591	551	535	40	40	80
Not on farm operated		6 642	5 387	903	273	228	219	45	39	79
Not reported		4 448	4 023	323	83	72	69	11	10	19
Operators by principal occupation:										
Farming		30 093	25 534	3 782	707	645	622	62	58	70
Other		28 549	26 488	1 713	240	206	201	34	31	108
Operators by days of work off farm:										
None		21 336	17 959	2 763	562	516	496	46	43	52
Any		33 575	30 805	2 345	311	275	268	36	33	114
1 to 99 days		5 017	4 409	506	82	76	72	6	6	20
100 to 199 days		5 380	4 905	395	66	59	59	7	7	14
200 days or more		23 178	21 491	1 444	163	140	137	23	20	80
Not reported		3 731	3 258	387	74	60	59	14	13	12
Operators by years on present farm:										
2 years or less		2 895	2 502	334	38	30	26	8	7	21
3 or 4 years		4 758	4 197	472	65	54	52	11	10	24
5 to 9 years		9 189	8 318	710	135	119	114	16	15	26
10 years or more		31 640	27 977	3 067	528	490	477	38	35	68
Average years on present farm		18.5	18.3	20.3	18.5	19.1	19.0	13.2	13.4	13.8
Not reported		10 160	9 028	912	181	158	154	23	22	39
Operators by age group:										
Under 25 years		1 630	1 417	193	11	9	8	2	2	9
25 to 34 years		7 871	6 813	894	130	114	108	16	14	34
35 to 44 years		13 272	12 128	894	212	187	181	25	24	38
45 to 54 years		13 417	12 025	1 106	240	223	223	17	16	46
55 to 64 years		13 352	11 508	1 573	243	219	209	24	21	28
65 years and over		9 100	8 131	835	111	99	94	12	12	23
Average age		49.5	49.4	49.8	49.4	49.6	49.6	47.5	47.6	46.6
Operators by sex:										
Male		56 175	49 818	5 278	915	823	796	92	85	164
Female		2 467	2 204	217	32	28	27	4	4	14
Operators of Spanish origin		116	106	8	1	1	1	-	-	1
FARMS BY TYPE OF ORGANIZATION										
Individual or family	farms	52 022	52 022	-	-	-	-	-	-	-
	acres	8 462 560	8 462 560	-	-	-	-	-	-	-
Partnership	farms	5 495	-	5 495	-	-	-	-	-	-
	acres	1 899 339	-	1 899 339	-	-	-	-	-	-
Corporation:										
Family held	farms	851	-	-	851	851	823	-	-	-
	acres	481 652	-	-	481 652	481 652	452 739	-	-	-
More than 10 stockholders	farms	28	-	-	28	28	-	-	-	-
10 or less stockholders	farms	823	-	-	823	823	823	-	-	-
Other than family held	farms	96	-	-	96	-	-	96	89	-
	acres	37 647	-	-	37 647	-	-	37 647	35 698	-
More than 10 stockholders	farms	7	-	-	7	-	-	7	-	-
10 or less stockholders	farms	89	-	-	89	-	-	89	89	-
Other—cooperative, estate or trust, institutional, etc.	farms	178	-	-	-	-	-	-	-	178
	acres	44 245	-	-	-	-	-	-	-	44 245
FARMS BY SIZE										
1 to 9 acres		2 714	2 406	215	82	70	67	12	11	11
10 to 49 acres		14 297	13 434	682	130	111	111	19	18	51
50 to 69 acres		4 387	4 055	281	28	25	25	3	3	23
70 to 99 acres		7 711	7 199	452	46	37	36	9	9	14
100 to 139 acres		6 396	5 893	437	50	44	43	6	5	16
140 to 179 acres		4 838	4 361	411	47	44	44	3	3	19
180 to 219 acres		3 507	3 152	309	40	33	33	7	7	6
220 to 259 acres		2 671	2 322	299	44	35	33	9	9	6
260 to 499 acres		7 357	6 061	1 129	150	136	136	14	11	17
500 to 999 acres		3 672	2 547	935	183	176	167	7	7	7
1,000 to 1,999 acres		918	515	295	102	99	90	3	2	6
2,000 acres or more		174	77	50	45	41	38	4	4	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION										
Cash grains (011)		22 114	19 963	1 879	191	173	170	18	16	81
Field crops, except cash grains (013)		4 323	4 018	240	47	41	38	6	5	18
Cotton (0131)		-	-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		4 323	4 018	240	47	41	38	6	5	18
Vegetables and melons (016)		1 908	1 680	171	54	49	46	5	5	3
Fruits and tree nuts (017)		3 583	3 044	380	145	132	126	13	12	14
Horticultural specialties (018)		1 105	776	129	198	178	176	20	19	2
General farms, primarily crop (019)		2 214	2 048	129	27	25	24	2	2	10
Livestock, except dairy, poultry, and animal specialties (021)		13 173	12 104	931	108	97	90	11	10	30
Beef cattle, except feedlots (0212)		5 184	4 847	301	27	26	26	1	1	9
Dairy farms (024)		6 572	5 151	1 338	78	70	69	8	8	5
Poultry and eggs (025)		594	506	54	32	29	27	3	3	2
Animal specialties (027)		2 327	2 114	148	60	53	53	7	6	5
General farms, primarily livestock (029)		729	618	96	7	4	4	3	3	8

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbrevietions and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD										
Total sales (see text)	farms	58 642	52 022	5 495	947	851	823	96	89	178
	$1,000	2 585 201	1 655 545	591 959	332 340	285 548	263 192	46 792	32 393	5 357
Farms by value of sales:										
Less than $2,500		13 718	13 023	582	58	49	45	9	9	55
$2,500 to $4,999		7 751	7 299	395	29	20	20	9	9	28
$5,000 to $9,999		8 741	8 137	535	41	37	35	4	3	28
$10,000 to $19,999		8 043	7 333	617	70	65	64	5	5	23
$20,000 to $39,999		6 536	5 824	627	67	53	51	14	13	18
$40,000 to $99,999		7 233	6 089	985	145	123	122	22	20	14
$100,000 to $249,999		4 706	3 416	1 075	207	196	194	11	10	8
$250,000 to $499,999		1 434	723	535	175	164	158	11	11	1
$500,000 or more		480	178	144	155	144	134	11	9	3
Grains	farms	33 997	29 892	3 586	397	364	350	33	30	122
	$1,000	795 053	596 728	150 970	44 909	43 376	42 178	1 533	1 467	2 446
Sales of $40,000 or more	farms	5 012	3 772	1 009	219	209	199	10	9	12
	$1,000	524 359	360 049	120 018	42 571	41 209	40 026	1 362	(D)	1 721
Corn for grain	farms	23 664	20 546	2 716	315	293	282	22	20	87
	$1,000	438 592	320 580	87 905	28 316	27 081	26 184	1 235	(D)	1 791
Wheat	farms	14 980	12 793	1 931	215	200	193	15	13	41
	$1,000	64 951	50 158	11 540	3 071	3 031	2 960	40	(D)	182
Soybeans	farms	14 788	12 964	1 622	156	144	138	12	11	46
	$1,000	174 318	137 811	30 615	5 572	5 396	5 212	176	(D)	320
Sorghum for grain	farms	18	14	2	2	2	2	-	-	-
	$1,000	64	58	(D)	(D)	(D)	(D)	-	-	-
Oats	farms	8 994	7 916	966	83	78	76	5	5	29
	$1,000	20 227	16 781	(D)	(D)	(D)	(D)	21	21	49
Other grains	farms	6 720	5 732	826	148	142	140	6	6	14
	$1,000	96 900	71 340	18 016	7 441	7 380	(D)	61	61	104
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 525	10 454	933	100	85	81	15	14	38
	$1,000	47 623	39 691	6 497	1 305	1 161	1 120	145	(D)	131
Sales of $40,000 or more	farms	114	75	32	7	5	5	2	2	-
	$1,000	8 418	5 375	2 401	643	(D)	(D)	(D)	(D)	-
Vegetables, sweet corn, and melons	farms	3 625	3 112	397	106	97	94	9	8	10
	$1,000	115 464	59 151	26 737	29 538	28 322	26 629	1 215	(D)	39
Sales of $40,000 or more	farms	558	372	114	72	66	64	6	6	-
	$1,000	92 346	39 463	23 747	29 136	27 945	(D)	1 191	(D)	-
Fruits, nuts, and bemes	farms	4 367	3 701	485	169	156	148	13	12	12
	$1,000	162 090	91 820	31 789	38 160	36 357	31 437	1 803	(D)	321
Sales of $40,000 or more	farms	967	640	199	127	116	111	11	10	1
	$1,000	133 368	67 107	(D)	37 475	(D)	30 790	(D)	(D)	(D)
Nursery and greenhouse products	farms	1 368	1 000	156	210	189	186	21	20	2
	$1,000	139 682	35 609	(D)	87 232	58 595	57 437	28 638	(D)	(D)
Sales of $40,000 or more	farms	444	225	68	151	136	134	15	14	-
	$1,000	131 486	29 329	15 804	86 353	57 829	(D)	28 524	(D)	-
Other crops	farms	2 012	1 598	304	104	102	100	2	2	6
	$1,000	104 367	58 718	25 787	19 678	(D)	(D)	(D)	(D)	184
Sales of $40,000 or more	farms	672	425	161	84	84	83	-	-	2
	$1,000	86 779	43 820	23 626	(D)	(D)	(D)	-	-	(D)
Poultry and poultry products	farms	3 097	2 785	244	46	40	37	6	6	22
	$1,000	101 258	41 384	20 476	39 348	36 391	25 852	2 958	2 958	50
Sales of $40,000 or more	farms	267	188	47	32	29	27	3	3	-
	$1,000	(D)	38 787	(D)	39 320	36 362	(D)	2 957	2 957	-
Dairy products	farms	7 584	5 931	1 549	95	84	83	11	11	9
	$1,000	611 698	395 834	193 133	22 085	21 745	(D)	340	340	646
Sales of $40,000 or more	farms	4 738	3 422	1 229	82	79	78	3	3	5
	$1,000	558 808	349 677	186 772	21 772	21 586	(D)	186	186	587
Cattle and calves	farms	22 841	19 872	2 678	244	214	205	30	27	47
	$1,000	294 808	186 021	74 417	33 171	29 314	28 207	3 857	3 835	1 199
Sales of $40,000 or more	farms	889	577	247	60	56	51	4	4	5
	$1,000	171 059	86 538	52 302	31 223	27 533	26 439	3 690	3 690	996
Hogs and pigs	farms	7 190	6 371	721	73	62	56	11	10	25
	$1,000	182 584	130 962	41 145	10 199	8 278	7 937	1 921	(D)	278
Sales of $40,000 or more	farms	1 012	764	207	40	34	32	6	5	1
	$1,000	(D)	96 268	36 876	(D)	8 082	(D)	(D)	(D)	(D)
Sheep, lambs, and wool	farms	2 308	2 114	154	23	21	19	2	1	17
	$1,000	5 207	4 415	(D)	101	(D)	(D)	(D)	(D)	(D)
Sales of $40,000 or more	farms	13	10	3	-	-	-	-	-	-
	$1,000	1 197	944	253	-	-	-	-	-	-
Other livestock and livestock products (see text)	farms	3 692	3 377	242	61	54	54	7	5	12
	$1,000	25 366	15 212	3 499	6 614	2 281	2 281	4 333	(D)	41
Sales of $40,000 or more	farms	96	61	22	13	11	11	2	1	-
	$1,000	14 767	5 856	2 594	6 317	(D)	(D)	(D)	(D)	-
FARM-RELATED INCOME AND DIRECT SALES										
Income from mechine work, customwork, and other agricultural services	farms	4 371	3 655	620	85	79	78	6	6	11
	$1,000	12 300	9 206	2 376	694	673	(D)	21	21	24
Value of agricultural products sold directly to individuals for humen consumption (see text)	farms	6 907	6 223	573	89	81	78	8	8	22
	$1,000	30 266	22 071	6 092	2 009	1 923	1 921	85	85	94

See footnotes at and of tabla.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
COMMODITY CREDIT CORPORATION LOANS										
Amount received	farms	3 791	3 092	587	102	100	96	2	2	10
	$1,000	136 699	94 189	30 702	10 881	(D)	9 909	(D)	(D)	928
Feed grains	farms	3 085	2 504	488	86	84	80	2	2	7
	$1,000	114 468	77 759	(D)	(D)	(D)	8 244	(D)	(D)	(D)
Wheat	farms	505	407	90	8	8	8	-	-	-
	$1,000	3 166	2 118	(D)	(D)	(D)	(D)	-	-	-
Cotton	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	925	756	136	30	30	29	-	-	3
	$1,000	19 065	14 311	3 410	(D)	(D)	(D)	-	-	(D)
SELECTED FARM PRODUCTION EXPENSES[1]										
Livestock and poultry purchased	farms	16 843	14 856	1 686	240	216	209	24	20	61
	$1,000	169 533	101 676	42 030	25 175	22 307	20 765	2 868	2 750	653
Farms with expenses of—										
$1 to $4,999		13 092	11 935	1 001	102	89	88	13	11	54
$5,000 to $19,999		2 291	1 886	357	44	41	41	3	3	4
$20,000 to $49,999		850	670	159	21	21	21	-	-	-
$50,000 or more		610	365	169	73	65	59	8	6	3
Feed for livestock and poultry	farms	27 172	24 017	2 790	311	277	270	34	30	54
	$1,000	254 266	160 410	60 076	33 413	29 595	22 486	3 818	2 985	367
Farms with expenses of—										
$1 to $4,999		19 647	18 293	1 220	97	84	83	13	11	37
$5,000 to $19,999		4 797	3 899	799	85	75	73	10	9	14
$20,000 to $79,999		2 301	1 580	651	67	64	63	3	3	3
$80,000 or more		427	245	120	62	54	51	8	7	-
Commercially mixed formula feeds	farms	14 427	12 202	1 984	218	191	187	27	24	23
	tons	860 366	497 122	200 809	161 600	149 497	112 942	12 103	9 190	834
	$1,000	153 346	88 984	38 437	25 812	23 235	16 414	2 577	1 762	113
Farms by tons purchased:										
1 to 99 tons		13 046	11 300	1 587	138	119	118	19	17	21
100 to 499 tons		1 133	750	336	45	41	40	4	4	2
500 tons or more		248	152	61	35	31	29	4	3	-
Farms with expenses of—										
$1 to $4,999		9 696	8 827	777	71	60	60	11	9	21
$5,000 to $19,999		3 275	2 464	751	60	52	51	8	8	-
$20,000 to $49,999		978	612	332	33	30	29	3	3	1
$50,000 or more		478	299	124	54	49	47	5	4	1
Seeds, bulbs, plants, and trees	farms	41 833	36 616	4 497	593	554	527	39	33	127
	$1,000	105 102	68 988	21 208	14 582	11 171	10 761	3 411	3 391	324
Farms with expenses of—										
$1 to $999		22 667	21 127	1 416	81	69	57	12	11	43
$1,000 to $4,999		14 185	12 109	1 856	150	135	133	15	10	70
$5,000 to $9,999		3 205	2 340	733	120	114	113	6	6	12
$10,000 or more		1 776	1 040	492	242	236	224	6	6	2
Commercial fertilizer	farms	42 990	37 744	4 472	659	614	595	45	37	115
	$1,000	241 914	170 727	52 985	17 176	16 726	15 928	449	437	1 027
Farms with expenses of—										
$1 to $999		16 702	15 707	869	110	101	101	9	8	16
$1,000 to $4,999		14 922	13 446	1 306	123	100	97	23	16	47
$5,000 to $19,999		8 465	6 714	1 527	178	170	167	8	8	46
$20,000 or more		2 901	1 877	770	248	243	230	5	5	6
Other agricultural chemicals	farms	37 489	32 490	4 209	663	621	602	42	34	127
	$1,000	114 084	77 385	23 981	12 312	11 776	11 048	536	526	406
Farms with expenses of—										
$1 to $999		19 590	18 085	1 303	156	137	136	19	13	46
$1,000 to $4,999		12 206	10 369	1 633	131	126	123	5	4	73
$5,000 to $19,999		4 730	3 518	997	209	199	194	10	9	6
$20,000 or more		963	518	276	167	159	149	8	8	2
Hired farm labor	farms	21 550	18 127	2 643	722	668	636	54	46	58
	$1,000	185 819	92 636	38 059	54 482	42 455	39 332	12 028	7 935	642
Farms with expenses of—										
$1 to $4,999		15 616	14 074	1 329	178	159	145	19	18	35
$5,000 to $19,999		3 986	3 015	789	163	149	148	14	9	19
$20,000 to $49,999		1 305	804	373	127	120	119	7	7	1
$50,000 or more		643	234	152	254	240	224	14	12	3
Workers by days worked:										
150 days or more	farms	7 434	5 414	1 402	586	546	527	40	32	32
	workers	20 204	10 984	4 135	5 017	4 035	3 722	982	668	68
Less than 150 days	farms	18 695	15 917	2 143	599	563	536	36	33	36
	workers	109 743	80 586	16 601	12 390	11 281	10 651	1 109	1 031	166
Contract labor	farms	2 510	2 029	306	166	151	148	15	15	9
	$1,000	14 445	8 371	2 130	3 927	3 437	3 264	491	491	17
Farms with expenses of—										
$1 to $999		1 084	950	87	40	40	40	-	-	7
$1,000 to $4,999		908	738	129	41	33	33	8	8	-
$5,000 to $19,999		369	253	67	47	44	42	3	3	2
$20,000 or more		149	88	23	38	34	33	4	4	-
Customwork, machine hire, and rental of machinery and equipment	farms	20 666	18 127	2 143	341	316	299	25	22	55
	$1,000	30 383	22 426	5 575	2 196	2 002	1 890	195	108	186
Farms with expenses of—										
$1 to $999		13 152	11 980	1 041	100	92	81	8	8	31
$1,000 to $4,999		6 232	5 286	802	124	115	113	9	8	20
$5,000 to $19,999		1 184	815	274	92	86	84	6	5	3
$20,000 or more		98	46	26	25	23	21	2	1	1

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
SELECTED FARM PRODUCTION EXPENSES[1]—Con.									
Energy and petroleum products ---- farms	58 417	51 952	5 387	913	839	807	74	63	165
$1,000	228 394	157 302	46 997	23 391	20 517	19 376	2 873	1 585	704
Farms with expenses of—									
$1 to $999	24 855	23 456	1 202	121	106	95	15	15	76
$1,000 to $4,999	21 632	19 659	1 752	177	157	154	20	17	44
$5,000 to $19,999	10 049	7 870	1 832	305	283	278	22	16	42
$20,000 or more	1 881	967	601	310	293	280	17	15	3
Petroleum products ---- farms	58 356	51 897	5 381	913	839	807	74	63	165
$1,000	181 191	125 682	36 882	18 100	16 124	15 338	1 976	1 172	527
Gasoline and gasohol ---- farms	53 774	47 715	5 026	881	814	782	67	61	152
$1,000	70 655	53 036	12 563	4 846	4 574	4 346	272	251	210
Diesel fuel ---- farms	32 761	28 015	3 981	667	612	593	55	46	98
$1,000	70 934	49 083	16 001	5 653	5 320	5 061	333	265	196
LP gas, butane, and propane ---- farms	7 807	6 154	1 315	314	288	279	26	20	24
$1,000	16 046	10 614	3 705	1 682	1 554	1 468	128	106	45
Fuel oil and kerosene ---- farms	4 420	3 727	512	178	168	163	10	9	3
$1,000	2 857	1 775	454	623	321	312	303	(D)	5
Natural gas ---- farms	1 814	1 302	318	184	170	166	14	12	10
$1,000	10 333	3 416	2 215	4 666	3 774	3 601	892	(D)	36
Motor oil and grease ---- farms	58 356	51 897	5 381	913	839	807	74	63	165
$1,000	10 366	7 758	1 943	628	581	549	48	42	36
Electricity ---- farms	42 581	37 269	4 424	788	730	711	58	49	100
$1,000	45 667	30 331	9 902	(D)	4 363	(D)	(D)	(D)	(D)
Other—coal, wood, coke, etc. ---- farms	3 720	3 356	324	39	34	33	5	4	1
$1,000	1 536	1 289	213	(D)	31	(D)	(D)	(D)	(D)
Interest expense ---- farms	27 193	23 225	3 337	604	563	547	41	34	27
$1,000	273 637	189 953	58 734	24 824	22 512	21 739	2 312	2 260	126
Farms with expenses of—									
$1 to $999	6 547	5 968	532	46	34	34	12	6	1
$1,000 to $4,999	9 752	8 688	958	84	79	77	5	5	22
$5,000 to $9,999	4 093	3 474	539	80	72	71	8	8	-
$10,000 or more	6 801	5 095	1 308	394	378	365	16	15	4
Farms reporting no interest expense (see text)	28 694	26 542	1 767	247	218	202	29	25	138
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ---- farms	58 530	52 065	5 387	913	839	807	74	63	165
$1,000	2 674 025	2 050 081	475 100	141 363	131 863	125 526	9 499	7 413	7 482
Farms by value group:									
$1 to $4,999	4 383	4 195	172	9	8	8	1	-	7
$5,000 to $9,999	12 499	11 713	683	71	64	53	7	7	32
$10,000 to $19,999	10 999	10 278	630	85	79	79	6	5	6
$20,000 to $49,999	14 187	12 779	1 148	166	145	143	21	16	94
$50,000 to $99,999	8 350	7 241	974	124	108	105	16	15	11
$100,000 to $199,999	5 653	4 353	1 082	207	193	185	14	13	11
$200,000 to $499,999	2 278	1 441	630	203	197	192	6	5	4
$500,000 or more	181	65	68	48	45	42	3	2	-
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles ---- farms	41 140	36 469	4 028	591	540	518	51	42	52
number	58 638	50 207	7 267	1 105	1 024	987	81	70	59
Motortrucks, including pickups ---- farms	49 532	43 761	4 838	816	747	715	69	59	117
number	80 281	66 006	10 891	3 215	2 985	2 812	230	210	169
Wheel tractors ---- farms	53 610	47 605	4 987	860	789	757	71	61	158
number	146 541	122 688	19 174	4 323	3 951	3 775	372	347	356
2 or 3 ---- farms	26 620	24 471	1 824	250	220	207	30	21	75
number	64 556	59 218	4 582	590	523	497	67	(D)	166
4 or more ---- farms	13 344	10 383	2 460	471	434	416	37	36	30
number	68 339	50 719	13 889	3 594	3 293	3 144	301	(D)	137
Grain and bean combines, self-propelled only ---- farms	19 289	16 380	2 515	330	314	304	16	16	64
number	21 053	17 752	2 861	375	353	341	22	22	65
Corn heads for combines ---- farms	12 359	10 189	1 867	258	251	241	7	7	45
number	13 576	11 212	2 014	301	289	272	12	12	49
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Mower conditioners ---- farms	19 522	16 853	2 407	246	221	215	25	19	16
number	21 047	18 063	2 685	281	250	244	31	25	18
Pickup balers ---- farms	23 277	20 290	2 715	227	205	196	22	16	45
number	25 041	21 688	3 053	251	228	217	23	17	49
Field forage harvesters, shear bar or flywheel ---- farms	9 970	8 017	1 779	168	154	148	14	14	6
number	11 798	9 382	2 213	197	181	173	16	16	6
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ---- farms	43 010	37 764	4 472	659	614	595	45	37	115
acres on which used	5 968 479	4 381 891	1 237 177	325 106	312 914	298 258	12 192	11 112	24 305
Lime ---- farms	6 749	5 620	961	137	130	125	7	6	31
acres on which used	252 250	178 731	51 924	20 551	20 226	19 351	325	(D)	1 044
tons	506 093	357 693	102 709	43 072	42 464	40 467	608	(D)	2 619
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ---- farms	15 585	12 814	2 190	510	477	461	33	25	71
acres on which used	1 810 103	1 197 724	448 429	156 657	150 087	140 863	6 570	5 966	7 293

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
AGRICULTURAL CHEMICALS[1]—Con.									
Sprays, dusts, granules, fumigants, etc., to control—Con.									
Nematodes in crops ---- farms	2 473	1 939	419	109	106	104	3	2	6
acres on which used	275 544	176 568	76 610	21 638	21 630	(D)	8	(D)	728
Diseases in crops and orchards ---- farms	5 391	4 559	596	230	217	209	13	12	6
acres on which used	344 933	215 631	69 046	60 032	58 861	55 221	1 171	(D)	224
Weeds, grass, or brush in crops and pasture ---- farms	30 424	26 429	3 450	462	432	414	30	28	83
acres on which used	4 285 002	3 164 670	868 092	238 592	230 560	217 694	8 032	(D)	13 648
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	1 998	1 610	270	113	108	103	5	5	5
acres on which used	127 527	85 086	24 268	18 093	17 735	15 628	358	358	80
LIVESTOCK									
Cattle and calves inventory ---- farms	25 647	22 538	2 802	252	221	212	31	28	55
number	1 341 257	940 099	327 584	69 857	64 754	61 429	5 103	4 838	3 717
Farms with—									
1 to 9	7 525	7 097	369	36	25	24	11	11	23
10 to 49	10 717	9 850	794	56	46	44	10	9	17
50 to 99	3 690	3 144	501	38	34	34	4	3	7
100 to 199	2 432	1 781	616	33	31	31	2	2	2
200 to 499	1 112	596	454	58	56	52	2	1	4
500 or more	171	70	68	31	29	27	2	2	2
Cows and heifers that had calved ---- farms	18 723	16 229	2 278	185	162	156	23	20	31
number	537 477	383 666	132 898	20 037	18 752	17 531	1 285	1 110	876
Beef cows ---- farms	10 806	9 891	797	96	83	78	13	10	22
number	140 158	116 644	16 060	7 101	6 136	(D)	965	790	353
Farms with—									
1 to 9	6 600	6 207	351	30	26	25	4	4	12
10 to 49	3 821	3 399	378	35	29	28	6	4	9
50 to 99	277	208	54	15	15	14	-	-	-
100 to 199	80	64	8	7	5	5	2	1	1
200 to 499	21	10	5	6	6	4	-	-	-
500 or more	7	3	1	3	2	2	1	1	-
Milk cows ---- farms	9 137	7 407	1 618	98	86	84	12	12	14
number	397 319	267 022	116 838	12 936	12 616	(D)	320	320	523
Farms with—									
1 to 4	1 599	1 512	76	5	4	3	1	1	6
5 to 9	414	383	31	-	-	-	-	-	-
10 to 49	4 083	3 549	513	18	9	9	9	9	3
50 to 99	2 083	1 482	574	23	21	21	2	2	4
100 to 199	838	432	368	37	37	37	-	-	1
200 to 499	113	46	55	12	12	11	-	-	-
500 or more	7	3	1	3	3	3	-	-	-
Heifers and heifer calves ---- farms	18 586	16 088	2 278	187	167	161	20	18	33
number	421 002	292 414	112 040	15 281	14 396	13 441	885	(D)	1 267
Steers, steer calves, bulls, and bull calves ---- farms	21 592	19 007	2 330	209	188	181	21	20	46
number	382 778	264 019	82 646	34 539	31 606	30 457	2 933	(D)	1 574
Cattle and calves sold ---- farms	22 841	19 872	2 678	244	214	205	30	27	47
number	639 849	424 937	155 743	56 851	50 375	48 354	6 476	6 434	2 318
$1,000	294 808	186 021	74 417	33 171	29 314	28 207	3 857	3 835	1 199
Calves ---- farms	10 734	9 156	1 441	115	100	97	15	14	22
number	174 855	129 320	39 356	5 927	5 676	5 566	251	(D)	252
$1,000	27 672	21 431	5 102	1 114	1 057	1 028	57	(D)	25
Cattle ---- farms	20 491	17 766	2 453	229	200	192	29	26	43
number	464 994	295 617	116 387	50 924	44 699	42 788	6 225	(D)	2 066
$1,000	267 137	164 590	69 316	32 057	28 257	27 179	3 800	(D)	1 174
Fattened on grain and concentrates ---- farms	9 025	7 965	925	115	104	97	11	11	20
number	278 412	160 065	72 508	45 288	39 743	37 839	5 545	5 545	551
$1,000	173 440	97 397	46 679	29 070	25 553	24 479	3 517	3 517	294
Hogs and pigs inventory ---- farms	7 429	6 612	722	72	62	56	10	9	23
number	1 062 335	779 501	233 580	47 361	41 001	38 696	6 360	(D)	1 893
Farms with—									
1 to 24	3 775	3 478	271	16	15	12	1	1	10
25 to 49	899	821	66	7	6	6	1	1	5
50 to 99	793	725	60	5	3	2	2	2	3
100 to 199	737	640	89	7	6	6	1	1	1
200 to 499	677	562	99	12	11	11	1	1	4
500 or more	548	386	137	25	21	19	4	3	-
Used or to be used for breeding ---- farms	4 687	4 130	492	45	37	33	8	7	20
number	154 268	111 705	35 242	6 931	5 272	4 928	1 659	(D)	390
Other ---- farms	6 880	6 107	686	69	59	54	10	9	18
number	908 067	667 796	198 338	40 430	35 729	33 768	4 701	(D)	1 503
Hogs and pigs sold ---- farms	7 190	6 371	721	73	62	56	11	10	25
number	1 732 619	1 266 538	367 037	96 120	69 657	66 733	26 463	(D)	2 924
$1,000	182 584	130 962	41 145	10 199	8 278	7 937	1 921	(D)	278
Feeder pigs ---- farms	2 184	1 970	184	20	14	12	6	5	10
number	388 321	306 197	55 805	25 106	8 959	(D)	16 147	(D)	1 213
$1,000	19 044	15 038	2 832	1 112	486	(D)	626	(D)	62
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 ---- farms	4 965	4 386	511	47	39	35	8	7	21
number	202 305	145 453	45 832	10 648	7 998	7 708	2 650	(D)	372
Dec. 1 and May 31 ---- farms	4 102	3 609	436	40	34	30	6	5	17
number	96 366	70 934	20 195	5 052	3 660	3 515	1 392	(D)	185
June 1 and Nov. 30 ---- farms	4 134	3 622	450	44	36	32	8	7	18
number	105 939	74 519	25 637	5 596	4 338	4 193	1 258	(D)	187

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
LIVESTOCK—Con.									
Sheep and lambs of all ages inventory—farms	2 401	2 193	165	25	23	21	2	1	18
number	115 517	100 979	12 266	1 672	(D)	(D)	(D)	(D)	600
Ewes 1 year old or older—farms	2 103	1 922	144	23	21	19	2	1	14
number	68 288	59 835	6 944	1 292	(D)	(D)	(D)	(D)	217
Sheep and lambs sold—farms	2 172	1 991	146	20	18	16	2	1	15
number	88 782	76 214	10 786	1 485	(D)	(D)	(D)	(D)	297
Sheep and lambs shorn—farms	2 060	1 884	141	21	19	17	2	1	14
number	101 512	87 678	12 008	1 518	(D)	(D)	(D)	(D)	308
pounds of wool	782 410	678 330	89 803	12 350	(D)	(D)	(D)	(D)	1 927
Horses and ponies inventory—farms	9 536	8 744	650	122	110	107	12	12	20
number	52 611	46 420	3 936	1 985	1 826	1 774	159	159	270
Horses and ponies sold—farms	2 403	2 196	153	46	42	42	4	3	8
number	7 808	6 923	554	271	256	256	15	(D)	60
$1,000	11 086	9 006	1 245	804	794	794	10	(D)	30
Goats inventory—farms	1 245	1 158	70	10	7	7	3	2	7
number	11 126	10 190	851	47	24	24	23	(D)	38
Goats sold—farms	505	472	31	-	-	-	-	-	2
number	4 027	3 787	(D)	-	-	-	-	-	(D)
$1,000	158	147	(D)	-	-	-	-	-	(D)
POULTRY									
Chickens 3 months old or older inventory—farms	5 785	5 318	405	43	40	37	3	3	19
number	7 561 180	3 881 366	1 654 429	2 023 090	1 897 766	1 756 701	125 324	125 324	2 295
Farms with—									
1 to 399	5 470	5 080	354	19	17	15	2	2	17
400 to 3,199	89	75	12	-	-	-	-	-	2
3,200 to 9,999	65	51	12	2	2	2	-	-	-
10,000 to 19,999	70	59	8	3	3	3	-	-	-
20,000 to 49,999	54	37	12	5	5	5	-	-	-
50,000 to 99,999	23	12	3	8	8	8	-	-	-
100,000 or more	14	4	4	6	5	4	1	1	-
Hens and pullets of laying age—farms	5 707	5 247	400	41	38	35	3	3	19
number	6 593 729	3 198 985	1 500 885	1 892 055	1 766 731	(D)	125 324	125 324	1 804
Pullets 3 months old or older not of laying age—farms	683	639	35	5	5	4	-	-	4
number	967 451	682 381	153 544	131 035	131 035	(D)	-	-	491
Chickens 3 months old or older sold—farms	1 071	922	119	26	24	23	2	2	4
number	7 569 952	4 292 397	1 601 849	1 674 862	(D)	(D)	(D)	(D)	844
Broilers and other meat-type chickens sold—farms	636	583	34	5	4	4	1	1	14
number	601 403	519 576	69 107	10 360	(D)	(D)	(D)	(D)	2 360
Farms with—									
1 to 1,999	627	576	33	4	3	3	1	1	14
2,000 to 59,999	6	5	-	1	1	1	-	-	-
60,000 to 99,999	2	1	1	-	-	-	-	-	-
100,000 or more	1	1	-	-	-	-	-	-	-
Turkey hens kept for breeding—farms	269	248	11	4	4	3	-	-	6
number	43 754	22 347	6 377	15 010	15 010	(D)	-	-	20
Turkeys sold—farms	265	241	19	5	4	3	1	1	-
number	1 901 774	307 660	379 104	1 215 010	(D)	(D)	(D)	(D)	-
CROPS HARVESTED									
Corn for grain or seed—farms	30 784	26 691	3 610	386	354	340	32	30	97
acres	2 566 700	1 896 169	536 041	123 392	117 985	112 598	5 407	(D)	11 098
bushels	256 304 308	185 474 994	56 212 726	13 809 102	13 285 854	12 747 745	523 248	(D)	807 486
Irrigated—farms	811	595	169	45	42	39	3	3	2
acres	135 306	84 590	29 741	(D)	16 052	15 570	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres	11 724	10 885	753	39	31	28	8	8	47
25 to 99 acres	11 873	10 517	1 250	73	61	60	12	11	33
100 to 249 acres	4 925	3 794	991	129	122	121	7	6	11
250 acres or more	2 262	1 495	616	145	140	131	5	5	6
Corn for silage or green chop—ferms	9 596	7 677	1 764	134	126	120	8	8	21
acres	390 046	261 466	107 200	20 248	19 234	18 189	1 014	1 014	1 132
tons, green	5 196 764	3 358 810	1 502 150	320 888	302 548	288 745	18 340	18 340	14 916
Irrigated—farms	108	68	31	9	9	7	-	-	-
acres	5 095	2 416	1 491	1 188	1 188	(D)	-	-	-
Farms by acres harvested:									
1 to 24 acres	4 952	4 360	554	26	22	22	4	4	12
25 to 99 acres	3 740	2 798	887	52	50	47	2	2	3
100 to 249 acres	784	464	281	33	32	31	1	1	6
250 acres or more	120	55	42	23	22	20	1	1	-
Wheat for grain—farms	15 413	13 200	1 954	218	202	195	16	14	41
acres	513 197	404 021	88 262	19 526	19 210	18 584	316	(D)	1 388
bushels	20 754 410	16 106 723	3 704 862	882 943	871 000	846 959	11 943	(D)	59 882
Irrigated—farms	59	39	13	7	7	7	-	-	-
acres	5 041	1 851	603	2 587	2 587	2 587	-	-	-
Farms by acres harvested:									
1 to 24 acres	8 913	7 999	837	52	39	39	13	12	25
25 to 99 acres	5 575	4 551	906	104	101	97	3	2	14
100 to 249 acres	836	590	194	51	51	49	-	-	1
250 acres or more	89	60	17	11	11	10	-	-	1
Oats for grain—farms	16 623	14 461	1 974	141	124	122	17	16	47
acres	398 493	326 490	64 132	7 073	6 514	(D)	559	(D)	798
bushels	24 765 511	20 218 145	4 064 385	433 016	395 666	(D)	37 350	(D)	49 965
Irrigated—farms	42	39	3	-	-	-	-	-	-
acres	529	490	39	-	-	-	-	-	-

See footnotes at end of table.

Table 45. **Summary by Type of Organization: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
CROPS HARVESTED—Con.									
Soybeans for beans ---- farms	14 902	13 068	1 632	156	144	138	12	11	46
acres	1 122 519	901 544	189 042	29 919	28 695	27 585	1 224	(D)	2 014
bushels	34 304 408	27 145 553	6 000 057	1 096 199	1 054 699	1 018 069	41 500	(D)	62 599
Irrigated ---- farms	278	212	53	13	11	11	2	2	-
acres	24 942	17 919	5 049	1 974	(D)	(D)	(D)	(D)	-
Farms by acres harvested:									
1 to 24 acres	4 719	4 337	332	25	20	19	5	4	25
25 to 99 acres	6 873	6 122	691	45	45	44	-	-	15
100 to 249 acres	2 470	1 994	424	47	41	39	6	6	5
250 acres or more	840	615	185	39	38	36	1	1	1
Dry edible beans, excluding dry limas ---- farms	5 838	5 011	695	122	118	117	4	4	10
acres	502 250	378 002	90 951	32 640	32 499	(D)	141	141	657
cwt	7 161 680	5 286 823	1 325 082	541 980	539 182	(D)	2 798	2 798	7 795
Irrigated ---- farms	89	68	16	5	5	5	-	-	-
acres	10 302	6 581	2 761	960	960	960	-	-	-
Farms by acres harvested:									
1 to 24 acres	1 511	1 376	123	9	8	8	1	1	3
25 to 99 acres	2 676	2 360	289	24	21	21	3	3	3
100 to 249 acres	1 247	1 041	172	30	30	29	-	-	4
250 acres or more	404	234	111	59	59	59	-	-	-
Irish potatoes ---- farms	765	631	104	27	27	26	-	-	3
acres	48 664	25 488	13 567	9 600	9 600	(D)	-	-	9
cwt	12 414 828	6 223 259	3 596 152	2 594 317	2 594 317	(D)	-	-	1 100
Irrigated ---- farms	237	167	49	21	21	20	-	-	-
acres	26 556	13 214	7 781	5 561	5 561	(D)	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres	367	336	29	-	-	-	-	-	2
5.0 to 24.9 acres	103	96	6	-	-	-	-	-	1
25.0 to 99.9 acres	130	109	16	5	5	5	-	-	-
100.0 acres or more	165	90	53	22	22	21	-	-	-
Sugar beets for sugar ---- farms	1 351	1 064	209	73	71	71	2	2	5
acres	96 582	62 246	20 435	13 581	(D)	(D)	(D)	(D)	320
tons	1 810 556	1 159 521	376 761	267 752	(D)	(D)	(D)	(D)	6 522
Irrigated ---- farms	14	7	6	1	1	1	-	-	-
acres	550	(D)	246	(D)	(D)	(D)	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	28 513	25 265	2 911	272	241	230	31	27	65
acres	1 363 149	1 054 657	269 431	36 494	33 907	32 043	2 587	2 167	2 567
tons, dry	3 470 998	2 602 666	748 144	113 671	107 761	101 566	5 910	5 078	6 517
Irrigated ---- farms	139	105	25	7	7	4	-	-	2
acres	5 373	3 063	1 424	(D)	(D)	435	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	14 143	13 242	799	67	58	54	9	9	35
25 to 99 acres	10 497	9 302	1 081	92	80	78	12	10	22
100 to 249 acres	3 282	2 391	812	72	64	62	8	6	7
250 acres or more	591	330	219	41	39	36	2	2	1
Alfalfa hay ---- farms	24 283	21 424	2 574	231	202	192	29	26	54
acres	948 882	753 015	171 054	22 685	20 911	19 368	1 774	1 544	2 128
tons, dry	2 707 341	2 074 814	556 217	70 551	66 086	60 351	4 465	4 013	5 759
Irrigated ---- farms	111	85	18	6	6	3	-	-	2
acres	3 713	2 105	872	(D)	(D)	325	-	-	(D)
Vegetables harvested for sale (see text) ---- farms	3 629	3 116	397	106	97	94	9	8	10
acres	126 170	70 669	24 371	31 075	30 401	28 801	675	(D)	54
Irrigated ---- farms	775	595	123	56	53	52	3	3	1
acres	43 137	16 153	(D)	18 920	18 706	(D)	214	214	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	1 309	1 209	90	5	4	4	1	-	5
5.0 to 24.9 acres	1 279	1 144	111	19	17	16	2	2	5
25.0 to 99.9 acres	768	610	130	28	24	24	4	4	-
100.0 acres or more	273	153	66	54	52	50	2	2	-
Land in orchards ---- farms	4 274	3 675	447	137	129	121	8	7	15
acres	165 121	101 507	32 963	30 404	29 522	25 063	882	(D)	247
Irrigated ---- farms	442	318	75	47	46	41	1	1	2
acres	14 298	7 683	(D)	3 646	(D)	2 989	(D)	(D)	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	1 300	1 217	69	7	7	7	-	-	7
5.0 to 24.9 acres	1 478	1 352	112	11	10	8	1	1	3
25.0 to 99.9 acres	1 061	853	165	38	36	35	2	1	5
100.0 acres or more	435	253	101	81	76	71	5	5	-
Apples ---- farms	2 783	2 351	319	104	100	95	4	4	9
Bearing and nonbearing acres	69 658	41 139	15 348	13 049	12 615	11 075	433	433	122
pounds	915 575 438	477 368 810	220 564 698	217 158 859	211 123 631	188 660 038	6 035 228	6 035 228	483 071
Cherries ---- farms	2 071	1 726	245	95	93	87	2	2	5
Bearing and nonbearing acres	65 347	38 273	13 190	13 791	(D)	10 653	(D)	(D)	93
pounds	231 351 118	130 565 495	43 955 050	56 286 594	(D)	42 256 294	(D)	(D)	543 979
Grapes (see text) ---- farms	1 312	1 184	99	24	21	21	3	2	5
Bearing and nonbearing acres	12 781	10 547	1 284	944	749	749	195	(D)	7
Fresh weight pounds	94 862 025	78 913 212	9 617 305	6 329 258	5 135 258	5 135 258	1 194 000	(D)	2 250

[1]Data are based on a sample of farms.

Table 46. Summary by Age and Principal Occupation of Operator: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS									
Farms	number	58 642	30 093	1 035	3 825	5 140	5 708	7 790	6 595
	percent	100.0	51.3	1.8	6.5	8.8	9.7	13.3	11.2
Land in farms	acres	10 925 443	8 245 482	195 239	1 042 322	1 790 923	2 031 921	2 135 570	1 049 507
Average size of farm	acres	186	274	189	273	348	356	274	159
Value of land and buildings[1]	farms	58 642	30 420	1 009	3 822	5 163	5 591	8 304	6 531
	$1,000	13 366 236	9 938 560	241 264	1 271 752	2 333 882	2 423 132	2 560 704	1 107 826
Average per farm	dollars	227 929	326 711	239 112	332 745	452 040	433 399	308 370	169 626
Average per acre	dollars	1 223	1 197	1 281	1 229	1 284	1 194	1 169	1 066
Farms by value of land and buildings:									
$1 to $39,999		6 936	2 199	216	234	304	152	507	786
$40,000 to $69,999		10 009	3 333	78	333	329	363	857	1 373
$70,000 to $99,999		8 962	3 458	104	414	347	525	916	1 152
$100,000 to $149,999		8 794	4 144	84	399	596	675	1 233	1 157
$150,000 to $199,999		5 822	3 284	132	489	524	488	1 048	603
$200,000 to $499,999		12 045	8 525	272	1 210	1 647	1 888	2 393	1 115
$500,000 to $999,999		4 087	3 651	98	543	858	996	938	218
$1,000,000 to $1,999,999		1 471	1 353	20	159	399	377	298	100
$2,000,000 or more		516	473	5	41	159	127	114	27
Owned and rented land by operator:									
Land owned	farms	55 059	28 227	590	3 170	4 837	5 537	7 607	6 486
	acres	7 776 383	5 533 692	75 492	494 040	1 055 849	1 344 121	1 609 617	954 573
Land rented or leased from others	farms	23 198	14 685	789	2 713	3 229	3 240	3 346	1 368
	acres	3 553 697	2 903 057	121 458	559 784	758 167	716 138	581 625	165 885
Rented or leased land in farms	farms	23 105	14 633	788	2 712	3 217	3 232	3 339	1 345
	acres	3 535 482	2 892 178	121 249	558 264	755 608	714 107	579 871	163 079
Land rented or leased to others	farms	6 861	2 800	33	169	323	374	725	1 176
	acres	404 637	191 267	1 711	11 502	23 093	28 338	55 672	70 951
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	56 302	29 372	994	3 684	4 982	5 597	7 646	6 469
	acres	8 449 182	6 637 662	171 767	876 324	1 492 482	1 663 723	1 689 188	744 178
Harvested cropland	farms	53 720	28 706	976	3 603	4 847	5 504	7 493	6 283
	acres	7 249 972	5 871 534	155 524	803 516	1 340 125	1 497 353	1 485 521	589 495
Farms by acres harvested:									
1 to 49 acres		24 106	7 623	226	715	955	995	1 844	2 888
50 to 99 acres		10 560	5 654	227	590	697	855	1 511	1 774
100 to 199 acres		8 685	6 084	263	880	991	1 179	1 776	995
200 to 499 acres		7 471	6 595	218	1 055	1 441	1 676	1 728	477
500 to 999 acres		2 267	2 143	37	297	590	617	487	115
1,000 to 1,999 acres		541	522	5	55	150	155	128	29
2,000 acres or more		90	85	–	11	23	27	19	5
Cropland:									
Pasture or grazing only	farms	18 405	9 444	194	1 017	1 694	1 887	2 551	2 101
	acres	564 614	358 078	9 384	32 837	61 988	75 682	102 680	76 507
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 469	3 103	43	315	549	670	824	702
	acres	132 565	90 537	1 256	8 016	20 164	21 898	21 313	17 890
On which all crops failed	farms	2 802	1 494	32	172	290	310	389	301
	acres	55 721	36 491	551	3 584	8 341	9 918	8 188	5 909
In cultivated summer fallow	farms	5 098	3 027	62	271	474	560	847	813
	acres	113 526	77 425	1 628	6 564	15 760	14 971	20 904	17 598
Idle	farms	12 856	6 615	167	775	1 172	1 237	1 707	1 557
	acres	332 784	203 597	3 424	21 807	46 104	43 901	50 582	37 779
Total woodland	farms	31 623	17 136	329	1 836	2 910	3 454	4 758	3 849
	acres	1 428 189	916 006	13 141	90 416	171 717	208 853	252 462	179 417
Woodland pastured	farms	7 405	4 017	69	407	649	830	1 134	928
	acres	268 652	175 664	2 095	19 436	32 195	35 763	47 735	38 440
Woodland not pastured	farms	27 484	15 051	288	1 617	2 597	3 037	4 179	3 333
	acres	1 159 537	740 342	11 046	70 980	139 522	173 090	204 727	140 977
Pastureland and rangeland other than cropland and woodland pastured	farms	6 938	3 570	70	381	635	724	983	777
	acres	250 388	169 280	2 355	22 209	29 119	38 312	51 688	25 597
Land in house lots, ponds, roads, wasteland, etc.	farms	44 170	22 654	499	2 539	3 785	4 374	6 180	5 277
	acres	797 684	522 534	7 976	53 373	97 605	121 033	142 232	100 315
Pastureland, all types	farms	25 360	12 828	261	1 394	2 291	2 563	3 460	2 859
	acres	1 083 654	703 022	13 834	74 482	123 302	149 757	202 103	139 544
Irrigated land	farms	3 172	2 312	53	350	538	558	571	242
	acres	285 784	258 440	5 070	41 288	70 610	73 109	55 985	12 378
Harvested cropland irrigated	farms	3 143	2 303	53	348	538	557	568	239
	acres	283 848	257 015	5 070	41 139	70 011	72 828	55 629	12 338
Pasture and other land irrigated	farms	93	46	–	8	14	4	13	7
	acres	1 936	1 425	–	149	599	281	356	40
Land set aside in federal farm programs in 1982	farms	4 488	3 148	75	410	717	706	781	459
	acres	85 139	71 124	1 428	8 838	19 508	19 597	15 620	6 133
TENURE AND RACE OF OPERATOR									
All operators		58 642	30 093	1 035	3 825	5 140	5 708	7 790	6 595
Full owners		35 478	15 425	246	1 114	1 915	2 469	4 449	5 232
Part owners		19 518	12 772	344	2 044	2 918	3 066	3 152	1 248
Tenants		3 646	1 896	445	667	307	173	189	115
White		58 337	29 968	1 030	3 813	5 118	5 683	7 761	6 563
Full owners		35 263	15 341	244	1 107	1 910	2 454	4 425	5 201
Part owners		19 453	12 742	342	2 042	2 905	3 058	3 148	1 247
Tenants		3 621	1 885	444	664	303	171	188	115
Black and other races		305	125	5	12	22	25	29	32
Full owners		215	84	2	7	5	15	24	31
Part owners		65	30	2	2	13	8	4	1
Tenants		25	11	1	3	4	2	1	–

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms	number	28 549	595	4 046	8 132	7 709	5 562	2 505
	percent	48.7	1.0	6.9	13.9	13.1	9.5	4.3
Land in farms	acres	2 679 961	38 436	326 689	693 244	792 134	578 284	251 174
Average size of farm	acres	94	65	81	85	103	104	100
Value of land and buildings[1]	farms	28 222	647	3 892	8 198	7 786	5 144	2 555
	$1,000	3 427 676	61 241	481 679	979 663	1 007 916	599 783	297 394
Average per farm	dollars	121 454	94 654	123 761	119 500	129 452	116 599	116 397
Average per acre	dollars	1 302	1 446	1 473	1 416	1 303	1 101	1 179
Farms by value of land and buildings:								
$1 to $39,999		4 737	235	859	1 222	1 029	850	542
$40,000 to $69,999		6 676	130	976	1 773	1 837	1 263	697
$70,000 to $99,999		5 504	124	663	1 756	1 543	994	424
$100,000 to $149,999		4 650	44	578	1 462	1 307	940	319
$150,000 to $199,999		2 538	52	234	800	777	444	231
$200,000 to $499,999		3 520	50	485	1 020	1 127	547	291
$500,000 to $999,999		436	12	70	137	104	83	30
$1,000,000 to $1,999,999		118	-	4	25	51	20	18
$2,000,000 or more		43	-	23	3	11	3	3
Owned and rented land by operator:								
Land owned	farms	26 832	332	3 458	7 704	7 454	5 440	2 444
	acres	2 242 691	17 107	188 167	528 568	692 384	559 513	256 952
Land rented or leased from others	farms	8 513	391	1 883	2 813	2 067	1 055	304
	acres	650 640	23 094	152 178	211 412	163 302	75 693	24 961
Rented or leased land in farms	farms	8 472	391	1 878	2 801	2 056	1 049	297
	acres	643 304	22 858	151 208	209 714	161 002	74 383	24 139
Land rented or leased to others	farms	4 061	41	364	987	1 155	964	550
	acres	213 370	1 765	13 656	46 736	63 552	56 922	30 739
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	26 930	546	3 766	7 602	7 319	5 333	2 364
	acres	1 811 520	31 361	249 567	484 537	528 350	369 002	148 703
Harvested cropland	ferms	25 014	525	3 495	7 002	6 815	4 970	2 207
	acres	1 378 438	27 696	207 491	378 260	399 409	264 674	100 908
Farms by acres harvested:								
1 to 49 acres		16 483	327	2 224	4 711	4 383	3 235	1 603
50 to 99 acres		4 906	125	668	1 263	1 375	1 056	419
100 to 199 acres		2 601	57	432	709	747	520	136
200 to 499 acres		876	16	146	279	261	134	40
500 to 999 acres		124	-	22	35	40	20	7
1,000 to 1,999 acres		19	-	2	4	8	4	1
2,000 acres or more		5	-	1	1	1	1	1
Cropland:								
Pasture or grazing only	farms	8 961	93	1 080	2 724	2 563	1 771	710
	acres	206 536	1 927	18 373	52 525	61 466	48 804	23 441
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	2 366	22	275	691	662	531	185
	acres	42 028	269	4 453	10 322	11 580	11 782	3 622
On which all crops failed	farms	1 308	15	201	368	363	267	94
	acres	19 230	123	2 415	5 706	5 684	3 679	1 623
In cultivated summer fallow	farms	2 071	26	233	515	597	482	218
	acres	36 101	376	3 979	8 888	10 440	8 821	3 597
Idle	farms	6 241	79	748	1 654	1 792	1 377	591
	acres	129 187	970	12 856	28 836	39 771	31 242	15 512
Total woodland	farms	14 487	169	1 662	3 991	4 218	3 110	1 337
	acres	512 183	3 909	44 964	120 556	157 403	127 566	57 783
Woodland pastured	farms	3 388	44	335	942	1 013	735	319
	acres	92 988	812	7 114	21 723	30 826	22 458	10 055
Woodland not pastured	farms	12 433	142	1 451	3 420	3 599	2 677	1 144
	acres	419 195	3 097	37 850	98 833	126 577	105 110	47 728
Pastureland and rangeland other than cropland and woodland pastured	farms	3 368	42	425	1 052	944	640	265
	acres	81 108	579	6 807	20 873	24 203	17 187	11 459
Land in house lots, ponds, roads, wasteland, etc.	farms	21 516	285	2 754	6 112	6 039	4 404	1 922
	acres	275 150	2 587	25 351	67 278	82 178	64 527	33 229
Pastureland, all types	farms	12 532	141	1 532	3 824	3 601	2 440	994
	acres	380 632	3 318	32 294	95 121	116 495	88 449	44 955
Irrigated land	farms	860	11	108	221	271	192	57
	acres	27 344	128	4 097	6 721	7 682	4 561	4 155
Harvested cropland irrigated	farms	840	11	106	212	265	189	57
	acres	26 833	128	4 071	6 507	7 569	(D)	(D)
Pasture and other land irrigated	farms	47	-	6	16	15	8	2
	acres	511	-	26	214	113	(D)	(D)
Land set aside in federal farm programs in 1982	farms	1 340	26	163	389	388	296	78
	acres	14 015	193	1 898	4 355	4 158	2 672	739
TENURE AND RACE OF OPERATOR								
All operators		28 549	595	4 046	8 132	7 709	5 562	2 505
Full owners		20 053	204	2 167	5 324	5 646	4 510	2 202
Part owners		6 746	127	1 287	2 373	1 794	926	239
Tenants		1 750	264	592	435	269	126	64
White		28 369	593	4 023	8 087	7 662	5 511	2 493
Full owners		19 922	202	2 153	5 293	5 609	4 473	2 192
Part owners		6 711	127	1 283	2 362	1 788	914	237
Tenants		1 736	264	587	432	265	124	64
Black and other races		180	2	23	45	47	51	12
Full owners		131	2	14	31	37	37	10
Part owners		35	-	4	11	6	12	2
Tenants		14	-	5	3	4	2	-

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		47 552	25 339	628	2 990	4 297	4 953	6 743	5 728
Not on farm operated		6 642	2 512	345	606	408	331	498	324
Not reported		4 448	2 242	62	229	435	424	549	543
Operators by principal occupation:									
Farming		30 093	30 093	1 035	3 825	5 140	5 708	7 790	6 595
Other		28 549	-	-	-	-	-	-	-
Operators by days of work off farm:									
None		21 336	18 834	512	2 013	2 910	3 394	5 195	4 810
Any		33 575	7 528	436	1 488	1 677	1 663	1 641	623
1 to 99 days		5 017	3 842	224	722	713	788	943	452
100 to 199 days		5 380	1 770	85	356	454	414	365	96
200 days or more		23 178	1 916	127	410	510	461	333	75
Not reported		3 731	3 731	87	324	553	651	954	1 162
Operators by years on present farm:									
2 years or less		2 895	1 124	263	425	202	112	95	27
3 or 4 years		4 758	1 773	324	665	390	190	152	52
5 to 9 years		9 189	3 436	215	1 370	928	421	367	135
10 years or more		31 640	18 397	-	767	2 703	4 011	5 843	5 073
Average years on present farm		18.5	22.5	3.5	6.8	12.8	20.9	28.6	36.6
Not reported		10 160	5 363	233	598	917	974	1 333	1 308
Operators by age group:									
Under 25 years		1 630	1 035	1 035	-	-	-	-	-
25 to 34 years		7 871	3 825	-	3 825	-	-	-	-
35 to 44 years		13 272	5 140	-	-	5 140	-	-	-
45 to 54 years		13 417	5 708	-	-	-	5 708	-	-
55 to 64 years		13 352	7 790	-	-	-	-	7 790	-
65 years and over		9 100	6 595	-	-	-	-	-	6 595
Average age		49.5	51.7	21.9	29.8	39.6	49.8	59.5	71.0
Operators by sex:									
Male		56 175	28 751	1 017	3 681	4 901	5 481	7 464	6 207
Female		2 467	1 342	18	144	239	227	326	388
Operators of Spanish origin		116	42	-	5	11	10	11	5
FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms	52 022	25 534	888	3 147	4 453	4 825	6 370	5 851
	acres	8 462 560	6 086 753	160 816	751 804	1 399 284	1 528 744	1 437 632	808 473
Partnership	farms	5 495	3 782	137	574	520	687	1 215	649
	acres	1 899 339	1 665 784	32 261	216 824	278 256	361 030	581 760	195 653
Corporation:									
Family held	farms	851	645	8	80	140	169	175	73
	acres	481 652	429 892	(D)	(D)	97 601	135 924	105 496	41 268
More than 10 stockholders	farms	28	23	1	5	3	-	9	5
10 or less stockholders	farms	823	622	7	75	137	169	166	68
Other than family held	farms	96	62	1	16	11	9	16	9
	acres	37 647	31 258	(D)	(D)	9 259	1 163	4 665	2 075
More than 10 stockholders	farms	7	4	-	2	1	-	1	-
10 or less stockholders	farms	89	58	1	14	10	9	15	9
Other—cooperative, estate or trust, institutional, etc.	farms	178	70	1	8	16	18	14	13
	acres	44 245	31 795	(D)	(D)	6 523	5 060	6 017	2 038
FARMS BY SIZE									
1 to 9 acres		2 714	831	57	166	150	114	157	187
10 to 49 acres		14 297	3 771	175	483	562	493	822	1 236
50 to 69 acres		4 387	1 511	70	159	221	204	350	507
70 to 99 acres		7 711	3 194	123	333	369	416	816	1 137
100 to 139 acres		6 396	3 272	121	363	390	493	886	1 019
140 to 179 acres		4 838	2 870	92	364	382	453	830	749
180 to 219 acres		3 507	2 301	84	281	369	411	676	480
220 to 259 acres		2 671	1 954	60	247	315	432	584	316
260 to 499 acres		7 357	6 012	179	914	1 219	1 421	1 602	677
500 to 999 acres		3 672	3 349	66	398	880	977	805	223
1,000 to 1,999 acres		918	865	7	102	238	240	226	52
2,000 acres or more		174	163	1	15	45	54	36	12
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		22 114	11 129	564	1 394	1 565	1 909	2 921	2 776
Field crops, except cash grains (013)		4 323	1 695	44	174	223	268	416	570
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		4 323	1 695	44	174	223	268	416	570
Vegetables and melons (016)		1 908	1 005	43	139	162	192	248	221
Fruits and tree nuts (017)		3 583	2 022	24	174	311	371	585	557
Horticultural specialties (018)		1 105	620	6	75	127	134	164	114
General farms, primarily crop (019)		2 214	795	20	80	140	142	200	213
Livestock, except dairy, poultry, and animal specialties (021)		13 173	5 309	137	633	876	977	1 299	1 387
Beef cattle, except feedlots (0212)		5 184	1 858	35	139	209	297	496	682
Dairy farms (024)		6 572	6 152	166	975	1 418	1 463	1 586	544
Poultry and eggs (025)		594	290	6	44	53	51	101	35
Animal specialties (027)		2 327	625	17	96	191	112	118	91
General farms, primarily livestock (029)		729	451	8	41	74	89	152	87

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	22 213	293	2 929	6 720	6 216	4 410	1 645
Not on farm operated	4 130	265	864	950	988	717	346
Not reported	2 206	37	253	462	505	435	514
Operators by principal occupation:							
Farming	-	-	-	-	-	-	-
Other	28 549	595	4 046	8 132	7 709	5 562	2 505
Operators by days of work off farm:							
None	2 502	22	112	209	292	541	1 326
Any	26 047	573	3 934	7 923	7 417	5 021	1 179
1 to 99 days	1 175	45	123	236	245	262	264
100 to 199 days	3 610	79	481	1 087	915	790	258
200 days or more	21 262	449	3 330	6 600	6 257	3 969	657
Not reported	-	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less	1 771	195	617	535	265	124	35
3 or 4 years	2 985	169	965	1 083	526	192	50
5 to 9 years	5 753	89	1 456	2 347	1 236	519	106
10 years or more	13 243	-	467	3 051	4 527	3 774	1 424
Average years on present farm	14.3	3.1	5.6	9.4	15.3	22.7	30.2
Not reported	4 797	142	541	1 116	1 155	953	890
Operators by age group:							
Under 25 years	595	595	-	-	-	-	-
25 to 34 years	4 046	-	4 046	-	-	-	-
35 to 44 years	8 132	-	-	8 132	-	-	-
45 to 54 years	7 709	-	-	-	7 709	-	-
55 to 64 years	5 562	-	-	-	-	5 562	-
65 years and over	2 505	-	-	-	-	-	2 505
Average age	47.1	21.9	30.5	39.6	49.4	58.9	71.1
Operators by sex:							
Male	27 424	583	3 934	7 845	7 462	5 324	2 276
Female	1 125	12	112	287	247	238	229
Operators of Spanish origin	74	1	17	19	12	22	3
FARMS BY TYPE OF ORGANIZATION							
Individual or family — farms	26 488	529	3 666	7 675	7 200	5 138	2 280
acres	2 375 807	32 603	276 692	631 548	711 556	512 309	211 099
Partnership — farms	1 713	56	320	374	419	358	186
acres	233 555	5 136	41 195	47 367	60 958	52 577	26 322
Corporation:							
Family held — farms	206	1	34	47	54	44	26
acres	51 760	(D)	(D)	8 911	13 748	10 303	11 753
More than 10 stockholders — farms	5	-	1	3	-	1	-
10 or less stockholders — farms	201	1	33	44	54	43	26
Other than family held — farms	34	1	-	14	8	8	3
acres	6 389	(D)	-	(D)	753	1 189	749
More than 10 stockholders — farms	3	-	-	-	1	2	-
10 or less stockholders — farms	31	1	-	14	7	6	3
Other—cooperative, estate or trust, institutional, etc. — farms	108	8	26	22	28	14	10
acres	12 450	(D)	(D)	(D)	5 119	1 906	1 251
FARMS BY SIZE							
1 to 9 acres	1 883	77	414	585	400	256	151
10 to 49 acres	10 526	241	1 685	3 366	2 642	1 788	804
50 to 69 acres	2 876	75	377	790	797	572	265
70 to 99 acres	4 517	77	512	1 182	1 287	996	463
100 to 139 acres	3 124	56	381	771	932	689	295
140 to 179 acres	1 968	33	256	482	526	473	198
180 to 219 acres	1 206	17	148	345	334	255	107
220 to 259 acres	717	6	72	199	231	144	65
260 to 499 acres	1 345	12	157	315	432	301	128
500 to 999 acres	323	1	40	86	100	73	23
1,000 to 1,999 acres	53	-	3	9	25	12	4
2,000 acres or more	11	-	1	2	3	3	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	10 985	369	1 738	2 913	2 909	2 180	876
Field crops, except cash grains (013)	2 628	24	270	754	666	546	368
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	2 628	24	270	754	666	546	368
Vegetables and melons (016)	903	15	117	279	233	185	74
Fruits and tree nuts (017)	1 561	16	166	346	470	383	180
Horticultural specialties (018)	485	8	68	90	137	112	70
General farms, primarily crop (019)	1 419	15	166	420	412	275	131
Livestock, except dairy, poultry, and animal specialties (021)	7 864	117	1 139	2 441	2 109	1 439	619
Beef cattle, except feedlots (0212)	3 326	48	384	882	939	725	348
Dairy farms (024)	420	10	56	94	116	103	41
Poultry and eggs (025)	304	1	63	98	73	48	21
Animal specialties (027)	1 702	19	229	603	509	241	101
General farms, primarily livestock (029)	278	1	34	94	75	50	24

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	58 642	30 093	1 035	3 825	5 140	5 708	7 790	6 595
	$1,000	2 585 201	2 275 739	45 414	309 982	550 325	586 004	590 643	193 370
Farms by value of sales:									
Less than $2,500		13 718	2 978	72	272	369	348	685	1 232
$2,500 to $4,999		7 751	2 390	59	180	249	251	578	1 073
$5,000 to $9,999		8 741	3 397	127	257	386	432	842	1 353
$10,000 to $19,999		8 043	4 309	190	459	519	617	1 186	1 338
$20,000 to $39,999		6 536	4 413	223	646	621	838	1 311	774
$40,000 to $99,999		7 233	6 297	268	1 076	1 313	1 466	1 683	491
$100,000 to $249,999		4 706	4 466	84	722	1 175	1 223	1 033	229
$250,000 to $499,999		1 434	1 385	8	166	404	401	341	65
$500,000 or more		480	458	4	47	104	132	131	40
Grains	farms	33 997	19 661	800	2 527	3 249	3 791	5 202	4 092
	$1,000	795 053	656 723	19 628	95 625	154 920	173 321	156 367	56 861
Sales of $40,000 or more	farms	5 012	4 484	146	704	1 106	1 173	1 093	262
	$1,000	524 359	483 888	11 303	71 354	128 714	139 032	107 900	25 584
Corn for grain	farms	23 664	14 204	617	1 950	2 454	2 824	3 737	2 622
	$1,000	438 592	365 738	10 834	55 887	89 111	97 487	82 831	29 588
Wheat	farms	14 980	10 147	281	1 140	1 706	2 075	2 865	2 080
	$1,000	64 951	52 879	1 115	6 249	11 362	13 686	14 425	6 042
Soybeans	farms	14 788	8 658	366	1 174	1 449	1 700	2 302	1 667
	$1,000	174 318	136 068	4 009	19 654	33 102	35 323	31 511	12 468
Sorghum for grain	farms	18	13	2	2	1	3	4	1
	$1,000	64	59	(D)	(D)	(D)	9	27	(D)
Oats	farms	8 994	5 714	185	724	877	1 049	1 571	1 308
	$1,000	20 227	15 627	(D)	(D)	(D)	3 547	4 271	(D)
Other grains	farms	6 720	4 924	231	705	844	1 048	1 399	697
	$1,000	96 900	86 352	3 174	11 810	18 335	23 269	23 302	6 463
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 525	5 800	138	664	889	1 038	1 415	1 656
	$1,000	47 623	32 321	619	4 130	6 636	7 078	7 698	6 159
Sales of $40,000 or more	farms	114	105	-	11	31	29	22	12
	$1,000	8 418	7 896	-	688	2 269	2 171	1 838	930
Vegetables, sweet corn, and melons	farms	3 625	2 117	76	267	386	420	577	391
	$1,000	115 464	102 935	3 309	10 932	19 387	26 116	31 326	11 865
Sales of $40,000 or more	farms	558	520	18	69	127	149	117	40
	$1,000	92 346	86 965	2 729	8 532	16 728	22 987	26 323	9 666
Fruits, nuts, and berries	farms	4 367	2 622	35	256	435	490	726	680
	$1,000	162 090	144 896	823	13 107	27 207	36 128	45 435	22 196
Sales of $40,000 or more	farms	967	884	6	92	182	244	263	97
	$1,000	133 368	125 917	437	11 255	24 117	32 668	40 129	17 311
Nursery and greenhouse products	farms	1 368	814	7	105	160	178	216	148
	$1,000	139 682	120 832	704	18 117	34 478	27 629	23 518	16 386
Sales of $40,000 or more	farms	444	385	3	52	92	101	108	29
	$1,000	131 486	116 197	652	17 464	33 685	26 647	22 273	15 477
Other crops	farms	2 012	1 675	78	254	312	416	463	152
	$1,000	104 367	100 400	2 204	11 553	25 631	25 883	28 598	6 532
Sales of $40,000 or more	farms	672	655	15	85	180	179	168	28
	$1,000	86 779	84 976	1 358	8 938	23 351	21 646	24 090	5 592
Poultry and poultry products	farms	3 097	1 419	29	184	260	250	368	328
	$1,000	101 258	94 020	397	13 840	21 863	15 956	36 329	5 635
Sales of $40,000 or more	farms	267	235	2	40	42	53	87	11
	$1,000	(D)	92 086	(D)	(D)	21 510	15 521	35 796	5 325
Dairy products	farms	7 584	7 024	192	1 086	1 576	1 665	1 839	666
	$1,000	611 698	594 003	9 862	84 435	153 776	158 856	151 260	35 815
Sales of $40,000 or more	farms	4 738	4 612	99	737	1 177	1 208	1 110	281
	$1,000	558 808	546 312	7 999	77 321	145 797	149 509	136 310	29 377
Cattle and calves	farms	22 841	13 742	364	1 758	2 584	2 907	3 605	2 524
	$1,000	294 808	251 357	3 791	26 353	54 754	68 902	75 443	22 113
Sales of $40,000 or more	farms	889	804	15	90	192	231	227	49
	$1,000	171 059	159 330	1 709	15 046	35 896	46 761	50 517	9 401
Hogs and pigs	farms	7 190	3 864	143	697	885	861	791	487
	$1,000	182 584	158 463	3 818	30 542	47 030	42 416	26 554	8 102
Sales of $40,000 or more	farms	1 012	906	27	176	291	235	140	37
	$1,000	(D)	133 207	2 678	25 298	41 716	36 903	21 178	5 434
Sheep, lambs, and wool	farms	2 308	1 026	22	117	195	193	237	262
	$1,000	5 207	3 420	109	249	781	868	872	541
Sales of $40,000 or more	farms	13	11	1	-	3	4	2	1
	$1,000	1 197	(D)	(D)	-	467	314	(D)	(D)
Other livestock and livestock products (see text)	farms	3 692	1 266	27	191	358	252	246	192
	$1,000	25 366	16 369	150	1 100	3 861	2 850	7 242	1 165
Sales of $40,000 or more	farms	96	70	1	6	23	17	20	3
	$1,000	14 767	11 599	(D)	(D)	2 373	1 941	6 100	625
FARM-RELATED INCOME AND DIRECT SALES									
Income from machine work, customwork, and other agricultural services	farms	4 371	3 159	150	634	692	724	680	279
	$1,000	12 300	10 658	373	1 951	2 593	3 310	1 951	481
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	6 907	2 986	82	435	570	536	752	611
	$1,000	30 266	22 443	415	2 408	4 929	5 859	5 966	2 867

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	28 549	595	4 046	8 132	7 709	5 562	2 505
	$1,000	309 462	5 540	43 629	82 381	91 439	62 184	24 289
Farms by value of sales:								
Less than $2,500		10 740	180	1 500	3 212	2 804	1 991	1 053
$2,500 to $4,999		5 361	124	707	1 518	1 388	1 100	524
$5,000 to $9,999		5 344	125	754	1 440	1 429	1 100	496
$10,000 to $19,999		3 734	103	556	996	1 095	728	256
$20,000 to $39,999		2 123	45	338	611	605	409	115
$40,000 to $99,999		936	15	147	289	283	166	36
$100,000 to $249,999		240	2	35	53	87	50	13
$250,000 to $499,999		49	1	8	9	11	14	6
$500,000 or more		22	-	1	4	7	4	6
Grains	farms	14 336	414	2 206	3 900	3 874	2 816	1 126
	$1,000	138 330	3 359	23 632	38 937	39 659	24 206	8 537
Sales of $40,000 or more	farms	528	7	99	159	171	75	17
	$1,000	40 472	339	7 401	12 174	12 790	5 461	2 306
Corn for grain	farms	9 460	273	1 546	2 633	2 557	1 783	668
	$1,000	72 854	1 665	12 841	21 018	20 682	11 886	4 762
Wheat	farms	4 833	124	611	1 181	1 367	1 121	429
	$1,000	12 072	263	1 630	2 859	3 672	2 757	892
Soybeans	farms	6 130	195	996	1 673	1 650	1 202	414
	$1,000	38 250	1 028	6 765	10 939	10 883	6 867	1 768
Sorghum for grain	farms	5	1	-	2	1	-	1
	$1,000	5	(D)	-	(D)	(D)	-	(D)
Oats	farms	3 280	83	516	908	877	621	275
	$1,000	4 600	(D)	816	(D)	(D)	814	(D)
Other grains	farms	1 796	52	300	478	478	341	147
	$1,000	10 549	282	1 579	2 959	3 064	1 882	783
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	5 725	73	717	1 645	1 529	1 149	612
	$1,000	15 303	165	1 838	4 261	4 255	3 082	1 702
Sales of $40,000 or more	farms	9	-	2	3	2	2	-
	$1,000	522	-	(D)	175	(D)	(D)	-
Vegetables, sweet corn, and melons	farms	1 508	21	197	478	405	302	105
	$1,000	12 529	331	1 341	3 889	3 560	1 983	1 425
Sales of $40,000 or more	farms	38	1	3	8	19	5	2
	$1,000	5 381	(D)	287	1 757	1 743	407	(D)
Fruits, nuts, and berries	farms	1 745	14	176	436	497	427	195
	$1,000	17 194	173	1 719	2 917	5 745	4 763	1 876
Sales of $40,000 or more	farms	83	1	6	12	32	23	9
	$1,000	7 451	(D)	(D)	846	2 705	2 137	1 042
Nursery and greenhouse products	farms	554	9	81	105	152	133	74
	$1,000	18 850	45	1 165	1 653	7 025	6 183	2 780
Sales of $40,000 or more	farms	59	-	6	11	16	18	8
	$1,000	15 290	-	613	947	6 019	5 363	2 347
Other crops	farms	337	12	45	92	99	56	33
	$1,000	3 967	75	309	981	1 197	1 092	313
Sales of $40,000 or more	farms	17	-	-	5	4	7	1
	$1,000	1 804	-	-	281	590	(D)	(D)
Poultry and poultry products	farms	1 678	16	334	631	405	214	78
	$1,000	7 237	2	1 024	1 483	2 454	1 894	380
Sales of $40,000 or more	farms	32	-	6	7	12	5	2
	$1,000	(D)	-	849	1 198	2 103	(D)	(D)
Dairy products	farms	560	12	76	142	139	128	63
	$1,000	17 694	477	1 503	4 021	5 334	4 636	1 723
Sales of $40,000 or more	farms	126	5	11	30	43	27	10
	$1,000	12 495	384	878	2 725	4 161	3 157	1 191
Cattle and calves	farms	9 099	138	1 205	2 712	2 566	1 765	713
	$1,000	43 451	492	4 845	12 991	12 169	9 059	3 895
Sales of $40,000 or more	farms	85	1	7	28	24	18	7
	$1,000	11 729	(D)	(D)	4 181	2 792	2 385	1 387
Hogs and pigs	farms	3 326	73	678	1 203	828	416	128
	$1,000	24 121	348	4 827	7 968	7 273	3 093	612
Sales of $40,000 or more	farms	106	1	23	33	33	15	1
	$1,000	(D)	(D)	(D)	2 851	3 507	1 293	(D)
Sheep, lambs, and wool	farms	1 282	17	169	474	325	199	98
	$1,000	1 787	15	295	644	413	283	136
Sales of $40,000 or more	farms	2	-	1	1	-	-	-
	$1,000	(D)	-	(D)	(D)	-	-	-
Other livestock and livestock products (see text)	farms	2 426	25	360	937	655	330	119
	$1,000	8 997	57	1 133	2 636	2 355	1 908	909
Sales of $40,000 or more	farms	26	-	2	7	6	9	2
	$1,000	3 168	-	(D)	452	716	1 061	(D)
FARM-RELATED INCOME AND DIRECT SALES								
Income from machine work, customwork, and other agricultural services	farms	1 212	56	252	415	278	172	39
	$1,000	1 642	55	434	427	421	258	47
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	3 921	58	665	1 379	1 016	618	185
	$1,000	7 823	90	1 163	2 258	2 248	1 423	640

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
COMMODITY CREDIT CORPORATION LOANS								
Amount received — farms	3 791	2 858	124	492	727	718	588	209
$1,000	136 699	121 759	2 882	18 864	35 585	36 426	21 439	6 564
Feed grains — farms	3 085	2 363	97	405	611	604	480	166
$1,000	114 468	102 078	2 431	15 605	28 526	31 020	18 595	5 901
Wheat — farms	505	384	7	50	101	85	101	40
$1,000	3 166	2 879	26	208	969	960	602	114
Cotton — farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey — farms	925	710	34	152	200	171	118	35
$1,000	19 065	16 802	425	3 051	6 089	4 446	2 242	549
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased — farms	16 843	8 549	243	1 369	1 772	1 818	2 049	1 298
$1,000	169 533	147 056	2 266	20 144	34 764	38 772	41 969	9 141
Farms with expenses of—								
$1 to $4,999	13 092	5 595	154	834	1 136	1 020	1 385	1 066
$5,000 to $19,999	2 291	1 643	59	298	309	465	366	146
$20,000 to $49,999	850	748	15	172	180	169	157	55
$50,000 or more	610	563	15	65	147	164	141	31
Feed for livestock and poultry — farms	27 172	14 873	456	2 085	3 177	3 085	3 812	2 258
$1,000	254 266	227 931	4 069	35 893	58 322	55 446	60 377	13 824
Farms with expenses of—								
$1 to $4,999	19 647	8 144	261	959	1 384	1 446	2 270	1 824
$5,000 to $19,999	4 797	4 163	152	735	1 099	915	936	326
$20,000 to $79,999	2 301	2 165	39	332	595	613	502	84
$80,000 or more	427	401	4	59	99	111	104	24
Commercially mixed formula feeds — farms	14 427	9 671	302	1 476	2 336	2 153	2 447	957
tons	860 366	784 062	10 364	135 931	188 731	186 470	226 832	35 735
$1,000	153 346	140 742	2 346	23 046	34 937	33 533	40 032	6 849
Farms by tons purchased:								
1 to 99 tons	13 046	8 405	283	1 225	2 036	1 815	2 137	909
100 to 499 tons	1 133	1 041	17	197	266	277	247	37
500 tons or more	248	225	2	54	34	61	63	11
Farms with expenses of—								
$1 to $4,999	9 696	5 298	183	761	1 153	1 076	1 426	699
$5,000 to $19,999	3 275	3 015	99	483	859	711	657	206
$20,000 to $49,999	978	921	17	149	225	244	252	34
$50,000 or more	478	437	3	83	99	122	112	18
Seeds, bulbs, plants, and trees — farms	41 833	24 535	920	3 229	4 262	4 785	6 828	4 511
$1,000	105 102	87 746	2 336	10 976	23 642	22 074	21 739	6 979
Farms with expenses of—								
$1 to $999	22 667	9 746	362	1 008	1 179	1 273	2 775	3 149
$1,000 to $4,999	14 185	10 233	457	1 565	1 893	2 199	2 986	1 133
$5,000 to $9,999	3 205	2 879	66	443	688	832	696	154
$10,000 or more	1 776	1 677	35	213	502	481	371	75
Commercial fertilizer — farms	42 990	24 985	865	3 134	4 220	4 843	6 945	4 978
$1,000	241 914	206 874	4 510	28 790	50 009	54 964	52 527	16 074
Farms with expenses of—								
$1 to $999	16 702	6 393	232	534	801	756	1 742	2 328
$1,000 to $4,999	14 922	8 741	362	1 146	1 205	1 525	2 573	1 930
$5,000 to $19,999	8 465	7 091	248	1 067	1 453	1 779	1 954	590
$20,000 or more	2 901	2 760	23	387	761	783	676	130
Other agricultural chemicals — farms	37 489	22 861	865	3 106	3 914	4 345	6 433	4 198
$1,000	114 084	97 069	2 334	13 326	22 881	24 633	24 325	9 571
Farms with expenses of—								
$1 to $999	19 590	9 262	314	1 048	1 196	1 264	2 795	2 645
$1,000 to $4,999	12 206	8 498	420	1 263	1 464	1 707	2 484	1 160
$5,000 to $19,999	4 730	4 191	123	677	1 004	1 128	932	327
$20,000 or more	963	910	8	118	250	246	222	66
Hired farm labor — farms	21 550	13 984	369	1 883	2 817	3 118	3 710	2 087
$1,000	185 819	166 528	1 940	18 761	39 515	42 433	46 944	16 936
Farms with expenses of—								
$1 to $4,999	15 616	8 572	291	1 211	1 562	1 726	2 226	1 556
$5,000 to $19,999	3 986	3 555	55	462	802	854	1 002	380
$20,000 to $49,999	1 305	1 244	18	152	314	367	304	89
$50,000 or more	643	613	5	58	139	171	178	62
Workers by days worked:								
150 days or more — farms	7 434	6 158	104	725	1 384	1 715	1 636	594
workers	20 204	17 722	169	1 941	4 230	4 695	4 759	1 928
Less than 150 days — farms	18 695	11 785	346	1 641	2 360	2 440	3 128	1 870
workers	109 743	83 448	1 779	9 954	17 635	20 154	22 634	11 292
Contract labor — farms	2 510	1 495	54	209	298	283	381	270
$1,000	14 445	12 488	361	1 734	2 903	2 549	3 847	1 093
Farms with expenses of—								
$1 to $999	1 084	465	14	70	77	79	108	117
$1,000 to $4,999	908	581	5	89	108	93	177	109
$5,000 to $19,999	369	307	34	29	68	82	60	34
$20,000 or more	149	142	1	21	45	29	36	10
Customwork, machine hire, and rental of machinery and equipment — farms	20 666	11 755	428	1 618	2 040	2 132	3 202	2 335
$1,000	30 383	22 985	943	3 089	5 247	5 317	5 757	2 631
Farms with expenses of—								
$1 to $999	13 152	6 473	233	825	1 002	1 033	1 735	1 645
$1,000 to $4,999	6 232	4 175	110	662	754	841	1 206	602
$5,000 to $19,999	1 184	1 014	85	125	251	228	240	85
$20,000 or more	98	93	-	6	33	30	21	3

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
COMMODITY CREDIT CORPORATION LOANS							
Amount received ---- farms	933	19	181	319	248	140	26
$1,000	14 940	140	2 468	6 450	3 555	2 160	167
Feed grains ---- farms	722	14	136	248	195	111	18
$1,000	12 390	113	1 936	5 311	2 987	1 909	132
Wheat ---- farms	121	1	12	37	36	27	8
$1,000	288	(D)	(D)	93	116	45	16
Cotton ---- farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans, peanuts, rye, nce, tobacco, and honey ---- farms	215	5	48	88	49	22	3
$1,000	2 263	(D)	(D)	1 045	452	206	20
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ---- farms	8 294	142	1 399	2 902	2 309	1 057	485
$1,000	22 477	293	2 890	8 197	6 929	2 913	1 255
Farms with expenses of—							
$1 to $4,999	7 497	136	1 288	2 588	2 060	969	456
$5,000 to $19,999	648	-	92	276	189	72	19
$20,000 to $49,999	102	6	14	21	47	7	7
$50,000 or more	47	-	5	17	13	9	3
Feed for livestock and poultry ---- farms	12 299	201	1 811	4 177	3 624	1 759	727
$1,000	26 335	221	3 510	7 860	9 060	4 377	1 308
Farms with expenses of—							
$1 to $4,999	11 503	189	1 712	3 937	3 335	1 641	689
$5,000 to $19,999	634	12	82	201	219	93	27
$20,000 to $79,999	136	-	13	34	60	19	10
$80,000 or more	26	-	4	5	10	6	1
Commercially mixed formula feeds ---- farms	4 756	80	725	1 765	1 387	615	184
tons	76 303	456	8 151	20 479	29 417	14 165	3 636
$1,000	12 604	74	1 408	3 487	4 591	2 456	589
Farms by tons purchased:							
1 to 99 tons	4 641	80	718	1 740	1 336	591	176
100 to 499 tons	92	-	5	22	38	19	8
500 tons or more	23	-	2	3	13	5	-
Farms with expenses of—							
$1 to $4,999	4 398	74	688	1 674	1 252	548	162
$5,000 to $19,999	260	6	33	67	89	50	15
$20,000 to $49,999	57	-	-	14	29	10	4
$50,000 or more	41	-	4	10	17	7	3
Seeds, bulbs, plants, and trees ---- farms	17 298	451	2 629	5 028	4 616	3 147	1 427
$1,000	17 357	475	2 692	4 376	5 779	2 997	1 037
Farms with expenses of—							
$1 to $999	12 921	349	1 848	3 734	3 376	2 431	1 183
$1,000 to $4,999	3 952	83	681	1 212	1 101	660	215
$5,000 to $9,999	326	12	82	62	107	39	24
$10,000 or more	99	7	18	20	32	17	5
Commercial fertilizer ---- farms	18 005	469	2 562	5 098	5 004	3 319	1 553
$1,000	35 040	750	6 077	9 932	10 104	5 913	2 264
Farms with expenses of—							
$1 to $999	10 309	279	1 279	2 847	2 836	1 954	1 114
$1,000 to $4,999	6 181	171	1 029	1 780	1 715	1 101	385
$5,000 to $19,999	1 374	18	229	426	419	235	47
$20,000 or more	141	1	25	45	34	29	7
Other agricultural chemicals ---- farms	14 628	384	2 266	4 070	4 106	2 646	1 156
$1,000	17 015	427	2 732	4 665	4 803	3 144	1 243
Farms with expenses of—							
$1 to $999	10 328	304	1 555	2 742	2 862	1 966	899
$1,000 to $4,999	3 708	67	587	1 202	1 067	577	208
$5,000 to $19,999	539	12	112	119	158	94	44
$20,000 or more	53	1	12	7	19	9	5
Hired farm labor ---- farms	7 566	145	871	2 438	2 363	1 183	566
$1,000	19 291	133	1 152	4 417	6 302	5 159	2 129
Farms with expenses of—							
$1 to $4,999	7 044	137	829	2 308	2 201	1 044	525
$5,000 to $19,999	431	7	37	115	133	117	22
$20,000 to $49,999	61	1	5	12	17	15	11
$50,000 or more	30	-	-	3	12	7	8
Workers by days worked:							
150 days or more ---- farms	1 276	2	82	423	424	278	67
workers	2 482	(D)	(D)	682	819	564	226
Less than 150 days ---- farms	6 910	144	842	2 207	2 127	1 045	545
workers	26 295	497	2 507	7 749	7 776	5 156	2 610
Contract labor ---- farms	1 015	6	161	253	299	205	91
$1,000	1 957	3	337	456	295	571	296
Farms with expenses of—							
$1 to $999	619	6	89	163	214	90	57
$1,000 to $4,999	327	-	56	61	83	101	26
$5,000 to $19,999	62	-	15	29	1	10	7
$20,000 or more	7	-	1	-	1	4	1
Customwork, machine hire, and rental of machinery and equipment ---- farms	8 911	251	1 300	2 775	2 357	1 530	698
$1,000	7 399	178	1 196	2 204	1 898	1 292	632
Farms with expenses of—							
$1 to $999	6 679	198	955	2 130	1 718	1 152	526
$1,000 to $4,999	2 057	53	310	600	601	347	146
$5,000 to $19,999	170	-	35	43	36	30	26
$20,000 or more	5	-	-	2	2	1	-

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations end symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.									
Energy and petroleum products	farms	58 417	30 383	1 009	3 822	5 163	5 577	8 304	6 508
	$1,000	228 394	192 140	3 719	25 868	45 142	48 357	49 825	19 229
Farms with expenses of—									
$1 to $999		24 855	7 058	259	667	847	743	1 799	2 743
$1,000 to $4,999		21 632	12 401	491	1 586	1 666	1 920	3 709	3 029
$5,000 to $19,999		10 049	9 113	243	1 365	2 148	2 386	2 341	630
$20,000 or more		1 881	1 811	16	204	502	528	455	106
Petroleum products	farms	58 356	30 378	1 009	3 817	5 163	5 577	8 304	6 508
	$1,000	181 191	152 128	3 096	20 320	35 549	38 493	39 538	15 131
Gasoline and gasohol	farms	53 774	28 320	833	3 497	4 798	5 223	7 771	6 198
	$1,000	70 655	55 561	1 042	6 840	11 966	13 448	15 339	6 927
Diesel fuel	farms	32 761	20 622	779	2 890	4 072	4 286	5 692	2 903
	$1,000	70 934	61 757	1 457	8 463	14 968	16 236	16 041	4 591
LP gas, butane, and propane	farms	7 807	6 143	244	876	1 417	1 548	1 507	551
	$1,000	16 046	14 559	293	1 942	4 022	4 215	3 255	832
Fuel oil and kerosene	farms	4 420	2 949	58	360	626	705	704	496
	$1,000	2 857	2 562	28	499	479	677	522	357
Natural gas	farms	1 814	1 409	24	172	325	320	363	205
	$1,000	10 333	9 598	82	1 470	2 197	1 961	2 301	1 587
Motor oil and grease	farms	58 356	30 378	1 009	3 817	5 163	5 577	8 304	6 508
	$1,000	10 366	8 091	195	1 106	1 916	1 955	2 082	837
Electricity	farms	42 581	24 532	633	2 883	4 318	4 825	6 852	5 021
	$1,000	45 667	38 928	614	5 456	9 291	9 669	10 048	3 850
Other—coal, wood, coke, etc.	farms	3 720	2 270	19	206	498	428	580	539
	$1,000	1 536	1 084	9	92	302	195	238	248
Interest expense	farms	27 193	16 141	662	2 873	3 833	3 737	3 820	1 216
	$1,000	273 637	230 475	5 526	36 864	69 610	61 919	45 891	10 664
Farms with expenses of—									
$1 to $999		6 547	2 874	86	413	464	531	949	431
$1,000 to $4,999		9 752	4 837	224	852	1 047	1 012	1 240	462
$5,000 to $9,999		4 093	2 578	149	498	565	633	589	144
$10,000 or more		6 801	5 852	203	1 110	1 757	1 561	1 042	179
Farms reporting no interest expense (see text)		28 694	12 803	309	787	1 066	1 645	4 079	4 917
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	58 530	30 407	1 009	3 815	5 163	5 591	8 304	6 525
	$1,000	2 674 025	2 043 762	44 858	270 739	454 671	492 110	552 557	228 827
Farms by value group:									
$1 to $4,999		4 383	1 140	91	137	132	90	220	470
$5,000 to $9,999		12 499	3 544	137	333	465	389	809	1 411
$10,000 to $19,999		10 999	4 517	111	582	507	612	1 268	1 437
$20,000 to $49,999		14 187	7 953	359	832	1 253	1 310	2 327	1 872
$50,000 to $99,999		8 350	6 116	189	908	1 045	1 359	1 809	806
$100,000 to $199,999		5 653	4 870	97	764	1 133	1 206	1 281	389
$200,000 to $499,999		2 278	2 094	24	244	585	569	539	133
$500,000 or more		181	173	1	15	43	56	51	7
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles	farms	41 140	24 210	694	2 739	4 024	4 786	6 932	5 035
	number	58 638	34 628	1 038	3 841	6 056	7 319	9 868	6 506
Motortrucks, including pickups	farms	49 532	27 289	817	3 537	4 770	5 191	7 570	5 404
	number	80 281	50 692	1 310	6 228	9 812	11 115	14 243	7 984
Wheel tractors	farms	53 610	28 405	756	3 450	4 789	5 292	8 018	6 100
	number	146 541	94 553	1 983	10 619	17 355	20 494	27 559	16 543
2 or 3	farms	26 620	13 561	404	1 563	2 004	2 250	3 757	3 583
	number	64 556	34 004	961	3 892	5 095	5 808	9 575	8 673
4 or more	farms	13 344	10 722	180	1 196	2 171	2 615	3 257	1 303
	number	68 339	56 427	850	6 036	11 646	14 259	16 980	6 656
Grain and bean combines, self-propelled only	farms	19 289	13 003	282	1 694	2 367	2 767	3 919	1 974
	number	21 053	14 285	297	1 853	2 622	3 155	4 302	2 056
Corn heads for combines	farms	12 359	8 875	243	1 287	1 871	2 086	2 425	963
	number	13 576	9 832	266	1 389	2 085	2 314	2 708	1 070
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	19 522	12 260	242	1 567	2 360	2 591	3 372	2 128
	number	21 047	13 131	285	1 650	2 495	2 854	3 593	2 254
Pickup balers	farms	23 277	14 513	285	1 669	2 568	2 957	4 151	2 883
	number	25 041	15 900	310	1 902	2 844	3 292	4 517	3 035
Field forage harvesters, shear bar or flywheel	farms	9 970	7 729	135	1 020	1 581	1 854	2 093	1 046
	number	11 798	9 299	160	1 225	1 908	2 254	2 545	1 207
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	43 010	24 998	865	3 134	4 220	4 849	6 945	4 985
	acres on which used	5 968 479	4 930 246	115 287	683 431	1 149 403	1 280 216	1 268 313	433 596
Lime	farms	6 749	4 407	83	665	951	893	1 152	663
	acres on which used	252 250	204 621	3 521	34 986	50 412	51 391	47 866	16 445
	tons	506 093	408 967	6 123	72 210	97 326	103 276	96 071	33 961
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms	15 585	10 241	342	1 446	1 913	2 113	2 728	1 699
	acres on which used	1 810 103	1 577 435	33 730	214 346	380 637	422 147	391 196	135 379

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Energy and petroleum products	farms	28 034	647	3 876	8 130	7 719	5 114	2 548
	$1,000	36 254	501	4 951	9 923	10 816	6 993	3 069
Farms with expenses of—								
$1 to $999		17 797	505	2 489	5 089	4 692	3 247	1 775
$1,000 to $4,999		9 231	141	1 206	2 813	2 691	1 667	713
$5,000 to $19,999		936	-	176	221	310	177	52
$20,000 or more		70	1	5	7	26	23	8
Petroleum products	farms	27 978	647	3 876	8 109	7 719	5 099	2 528
	$1,000	29 063	438	4 117	7 938	8 547	5 551	2 472
Gasoline and gasohol	farms	25 454	534	3 493	7 417	7 071	4 578	2 361
	$1,000	15 094	191	1 947	4 248	4 448	2 902	1 358
Diesel fuel	farms	12 139	350	1 844	3 388	3 496	2 174	887
	$1,000	9 177	199	1 523	2 464	2 657	1 702	631
LP gas, butane, and propane	farms	1 664	14	275	481	460	303	131
	$1,000	1 486	7	251	371	451	316	90
Fuel oil and kerosene	farms	1 471	26	159	456	426	262	142
	$1,000	295	4	17	80	93	76	25
Natural gas	farms	405	-	54	146	108	56	41
	$1,000	736	-	52	116	240	153	174
Motor oil and grease	farms	27 978	647	3 876	8 109	7 719	5 099	2 528
	$1,000	2 275	37	327	659	657	401	194
Electricity	farms	18 049	285	2 312	5 305	5 190	3 382	1 575
	$1,000	6 739	54	771	1 828	2 158	1 371	558
Other—coal, wood, coke, etc.	farms	1 450	23	211	524	336	222	134
	$1,000	451	9	63	157	111	72	39
Interest expense	farms	11 052	297	2 022	3 891	3 066	1 429	347
	$1,000	43 162	1 169	6 642	16 938	12 327	5 180	905
Farms with expenses of—								
$1 to $999		3 673	90	599	1 193	1 013	593	185
$1,000 to $4,999		4 915	147	976	1 750	1 370	544	128
$5,000 to $9,999		1 515	34	338	530	424	172	17
$10,000 or more		949	26	109	418	259	120	17
Farms reporting no interest expense (see text)		15 891	332	1 778	4 011	4 378	3 478	1 914
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms	28 123	637	3 890	8 175	7 758	5 122	2 541
	$1,000	630 263	9 709	80 405	181 874	184 108	123 538	50 630
Farms by value group:								
$1 to $4,999		3 243	122	505	1 191	675	490	260
$5,000 to $9,999		8 955	230	1 306	2 484	2 426	1 517	992
$10,000 to $19,999		6 482	121	867	1 861	1 966	1 061	606
$20,000 to $49,999		6 234	130	847	1 679	1 678	1 453	447
$50,000 to $99,999		2 234	27	236	692	735	383	161
$100,000 to $199,999		783	6	101	207	220	185	64
$200,000 to $499,999		184	1	28	58	56	32	9
$500,000 or more		8	-	-	3	2	1	2
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles	farms	16 930	283	2 087	4 653	4 945	3 335	1 627
	number	24 010	388	2 804	6 638	7 409	4 638	2 133
Motortrucks, including pickups	farms	22 243	517	3 219	6 559	6 159	4 068	1 721
	number	29 589	620	4 309	8 555	8 380	5 461	2 264
Wheel tractors	farms	25 205	534	3 295	7 237	7 208	4 667	2 264
	number	51 988	918	6 568	13 986	15 284	10 480	4 752
2 or 3	farms	13 059	267	1 572	3 550	3 942	2 570	1 158
	number	30 552	608	3 578	8 316	9 271	6 113	2 666
4 or more	farms	2 622	13	364	588	769	625	263
	number	11 912	56	1 631	2 571	3 516	2 895	1 243
Grain and bean combines, self-propelled only	farms	6 286	105	811	1 878	1 747	1 274	471
	number	6 768	118	849	1 967	1 840	1 429	565
Corn heads for combines	farms	3 484	66	437	1 134	971	676	200
	number	3 744	71	473	1 239	1 018	714	229
Cottonpickers and stnppers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	7 262	100	801	2 163	2 245	1 358	595
	number	7 916	100	808	2 238	2 750	1 387	633
Pickup balers	farms	8 764	88	904	2 506	2 770	1 733	763
	number	9 141	88	936	2 629	2 872	1 822	794
Field forage harvesters, shear bar or flywheel	farms	2 241	13	275	614	713	441	185
	number	2 499	13	300	686	810	467	223
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer	farms	18 012	469	2 562	5 098	5 004	3 326	1 553
	acres on which used	1 038 233	23 571	169 882	296 760	293 601	188 524	65 895
Lime	farms	2 342	30	392	654	638	448	180
	acres on which used	47 629	732	9 403	11 254	13 548	9 189	3 503
	tons	97 126	3 332	17 071	22 954	29 384	17 251	7 134
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms	5 344	144	735	1 502	1 514	984	465
	acres on which used	232 668	8 048	40 404	61 639	59 996	45 387	17 194

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
AGRICULTURAL CHEMICALS[1]—Con.								
Sprays, dusts, granules, fumigants, etc., to control—Con.								
Nematodes in crops ---- farms	2 473	1 761	57	345	383	386	352	238
acres on which used	275 544	238 048	4 425	40 930	55 294	61 501	53 375	22 523
Diseases in crops and orchards ---- farms	5 391	3 518	76	389	575	690	1 005	783
acres on which used	344 933	306 664	3 897	34 950	65 376	81 689	81 672	39 080
Weeds, grass, or brush in crops and pasture ---- farms	30 424	18 745	794	2 769	3 337	3 584	5 231	3 030
acres on which used	4 285 002	3 560 125	116 395	527 967	821 845	904 587	912 174	277 157
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	1 998	1 353	10	181	286	322	359	195
acres on which used	127 527	108 797	662	10 612	30 491	28 658	22 334	16 040
LIVESTOCK								
Cattle and calves inventory ---- farms	25 647	14 369	380	1 851	2 738	2 994	3 722	2 684
number	1 341 257	1 135 916	19 711	145 674	263 521	292 374	313 738	100 898
Farms with—								
1 to 9	7 525	2 152	50	265	361	306	497	673
10 to 49	10 717	5 520	184	622	814	967	1 479	1 454
50 to 99	3 690	3 162	97	476	664	757	812	356
100 to 199	2 432	2 287	37	355	571	609	574	141
200 to 499	1 112	1 087	11	119	289	310	307	51
500 or more	171	161	1	14	39	45	53	9
Cows and heifers that had calved ---- farms	18 723	11 426	265	1 449	2 221	2 452	2 988	2 051
number	537 477	464 549	8 117	61 693	111 508	118 037	122 272	42 922
Beef cows ---- farms	10 806	4 529	86	403	669	847	1 199	1 325
number	140 158	83 076	1 168	8 499	15 146	18 244	23 527	16 492
Farms with—								
1 to 9	6 600	2 225	41	223	343	377	536	705
10 to 49	3 821	1 992	41	152	266	387	560	586
50 to 99	277	215	4	19	40	53	69	30
100 to 199	80	72	-	4	16	22	27	3
200 to 499	21	21	-	3	2	8	7	1
500 or more	7	4	-	2	2	-	-	-
Milk cows ---- farms	9 137	7 650	202	1 138	1 690	1 775	1 957	888
number	397 319	381 473	6 949	53 194	96 362	99 793	98 745	26 430
Farms with—								
1 to 4	1 599	651	14	58	103	117	133	226
5 to 9	414	291	6	46	47	52	65	75
10 to 49	4 083	3 737	136	607	757	793	1 023	421
50 to 99	2 083	2 028	43	325	515	545	479	121
100 to 199	838	828	3	94	234	236	225	36
200 to 499	113	108	-	8	31	30	30	9
500 or more	7	7	-	-	3	2	2	-
Heifers and heifer calves ---- farms	18 586	11 424	289	1 508	2 224	2 457	2 984	1 962
number	421 002	368 166	6 438	49 147	87 863	94 408	100 166	30 144
Steers, steer calves, bulls, and bull calves ---- farms	21 592	11 912	300	1 490	2 273	2 519	3 092	2 238
number	382 778	303 201	5 156	34 834	64 150	79 929	91 300	27 832
Cattle and calves sold ---- farms	22 841	13 742	364	1 758	2 584	2 907	3 605	2 524
number	639 849	537 109	9 201	62 297	120 181	145 641	151 483	48 306
$1,000	294 808	251 357	3 791	26 353	54 754	68 902	75 443	22 113
Calves ---- farms	10 734	7 278	205	1 018	1 502	1 568	1 875	1 110
number	174 855	148 349	4 035	20 019	36 923	39 156	34 885	13 331
$1,000	27 672	22 608	875	3 019	6 348	6 366	4 249	1 751
Cattle ---- farms	20 491	12 362	318	1 540	2 336	2 639	3 282	2 247
number	464 994	388 760	5 166	42 278	83 258	106 485	116 598	34 975
$1,000	267 137	228 749	2 915	23 334	48 406	62 536	71 195	20 363
Fattened on grain and concentrates ---- farms	9 025	4 721	128	533	832	972	1 287	969
number	278 412	241 380	2 515	25 111	50 921	67 313	77 310	18 210
$1,000	173 440	152 094	1 547	14 707	31 586	40 923	51 099	12 232
Hogs and pigs inventory ---- farms	7 429	3 896	136	700	908	847	807	498
number	1 062 335	899 945	24 397	185 928	269 250	230 260	140 841	49 269
Farms with—								
1 to 24	3 775	1 461	44	203	321	296	324	273
25 to 49	899	428	12	78	82	78	93	85
50 to 99	793	442	16	85	83	100	112	46
100 to 199	737	508	22	111	96	114	117	48
200 to 499	677	546	30	117	147	137	87	28
500 or more	548	511	12	106	179	122	74	18
Used or to be used for breeding ---- farms	4 687	2 558	82	475	608	563	509	321
number	154 268	128 810	3 798	27 874	37 882	28 635	22 111	8 510
Other ---- farms	6 880	3 660	132	679	839	802	754	454
number	908 067	771 135	20 599	158 054	231 368	201 625	118 730	40 759
Hogs and pigs sold ---- farms	7 190	3 864	143	597	885	861	791	487
number	1 732 619	1 476 363	39 724	315 050	436 877	376 465	233 889	74 358
$1,000	182 584	158 463	3 818	30 542	47 030	42 416	26 554	8 102
Feeder pigs ---- farms	2 184	1 090	37	247	282	209	193	122
number	388 321	298 145	12 503	97 532	88 817	45 627	39 437	14 229
$1,000	19 044	14 868	579	4 847	4 456	2 288	1 979	717
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms	4 965	2 671	89	491	630	591	527	343
number	202 305	172 583	5 359	38 811	52 047	40 214	26 562	9 590
Dec. 1 and May 31 ---- farms	4 102	2 274	79	405	563	523	436	268
number	96 366	82 411	2 739	18 987	24 811	20 520	11 262	4 092
June 1 and Nov. 30 ---- farms	4 134	2 331	77	444	573	504	455	278
number	105 939	90 172	2 620	19 824	27 236	19 694	15 300	5 498

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
AGRICULTURAL CHEMICALS[1]—Con.							
Sprays, dusts, granules, fumigants, etc., to control—Con.							
Nematodes in crops ---- farms	712	14	113	216	198	120	51
acres on which used	37 496	573	8 870	11 511	9 288	5 050	2 204
Diseases in crops and orchards ---- farms	1 873	19	203	555	569	349	178
acres on which used	38 269	375	3 334	11 527	11 818	7 352	3 863
Weeds, grass, or brush in crops and pasture ---- farms	11 679	338	1 947	3 359	3 237	1 987	811
acres on which used	724 877	19 270	127 341	216 706	194 811	122 876	43 873
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	645	19	90	154	193	136	53
acres on which used	18 730	605	1 769	4 738	6 297	4 169	1 152
LIVESTOCK							
Cattle and calves inventory ---- farms	11 278	171	1 557	3 481	3 163	2 086	820
number	205 341	2 605	22 175	55 751	60 944	44 478	19 388
Farms with—							
1 to 9	5 373	93	839	1 842	1 410	841	348
10 to 49	5 197	69	651	1 460	1 523	1 078	416
50 to 99	528	9	54	140	169	115	41
100 to 199	145	-	11	30	53	42	9
200 to 499	25	-	2	7	5	8	3
500 or more	10	-	-	2	3	2	3
Cows and heifers that had calved ---- farms	7 297	85	893	2 176	2 105	1 460	578
number	72 928	735	6 436	19 239	21 922	16 971	7 625
Beef cows ---- farms	6 277	70	746	1 866	1 846	1 267	482
number	57 082	370	4 885	15 542	17 318	12 786	6 181
Farms with—							
1 to 9	4 375	58	589	1 376	1 228	817	307
10 to 49	1 829	12	156	472	589	434	166
50 to 99	62	-	1	13	28	15	5
100 to 199	8	-	-	4	1	1	2
200 to 499	-	-	-	-	-	-	-
500 or more	3	-	-	1	-	-	2
Milk cows ---- farms	1 487	19	211	481	381	264	131
number	15 846	365	1 551	3 697	4 604	4 185	1 444
Farms with—							
1 to 4	948	7	142	352	244	131	72
5 to 9	123	1	21	30	24	29	18
10 to 49	346	9	42	86	89	84	36
50 to 99	55	2	5	10	20	14	4
100 to 199	10	-	1	2	3	3	1
200 to 499	5	-	-	1	1	3	-
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves ---- farms	7 162	114	944	2 130	2 068	1 391	515
number	52 836	892	6 013	13 575	16 038	11 088	5 230
Steers, steer calves, bulls, and bull calves ---- farms	9 680	129	1 288	2 996	2 750	1 819	698
number	79 577	978	9 726	22 937	22 984	16 419	6 533
Cattle and calves sold ---- farms	9 099	138	1 205	2 712	2 566	1 765	713
number	102 740	1 387	11 541	30 903	27 956	21 668	9 285
$1,000	43 451	492	4 845	12 991	12 169	9 059	3 895
Calves ---- farms	3 456	63	436	1 039	961	674	283
number	26 506	447	2 985	7 335	7 170	6 394	2 175
$1,000	5 064	64	493	1 384	1 406	1 305	412
Cattle ---- farms	8 129	116	1 084	2 398	2 330	1 580	621
number	76 234	940	8 556	23 568	20 786	15 274	7 110
$1,000	38 388	428	4 352	11 607	10 763	7 755	3 483
Fattened on grain and concentrates ---- farms	4 304	51	621	1 406	1 192	789	245
number	37 032	273	4 907	10 675	10 902	7 788	2 487
$1,000	21 346	148	2 760	6 289	6 216	4 500	1 433
Hogs and pigs inventory ---- farms	3 533	70	712	1 260	903	443	145
number	162 390	3 251	32 730	57 248	45 756	19 216	4 189
Farms with—							
1 to 24	2 314	44	450	838	583	291	108
25 to 49	471	8	103	152	123	67	18
50 to 99	351	10	82	118	91	39	11
100 to 199	229	6	48	83	60	27	5
200 to 499	131	-	22	57	36	14	2
500 or more	37	2	7	12	10	5	1
Used or to be used for breeding ---- farms	2 129	42	424	752	545	286	80
number	25 458	429	4 876	8 558	7 873	3 007	715
Other ---- farms	3 220	66	663	1 143	812	405	131
number	136 932	2 822	27 854	48 690	37 883	16 209	3 474
Hogs and pigs sold ---- farms	3 326	73	678	1 203	828	416	128
number	256 256	4 208	51 231	87 778	73 687	30 703	8 649
$1,000	24 121	348	4 827	7 968	7 273	3 093	612
Feeder pigs ---- farms	1 094	23	232	441	239	127	32
number	90 176	2 032	16 813	34 842	24 007	6 774	5 708
$1,000	4 177	78	782	1 638	1 124	316	239
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ---- farms	2 294	46	455	816	587	301	89
number	29 722	603	5 592	10 219	8 897	3 381	1 030
Dec. 1 and May 31 ---- farms	1 828	37	368	660	462	231	70
number	13 955	258	2 526	4 929	4 057	1 654	531
June 1 and Nov. 30 ---- farms	1 803	30	375	633	470	232	63
number	15 767	345	3 066	5 290	4 840	1 727	499

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes ebnormal farms; see text. For meaning of abbreviations end symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operetor (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.									
Sheep and lambs of all ages inventory	farms	2 401	1 049	21	134	204	192	245	253
	number	115 517	67 958	2 192	6 508	10 629	16 853	16 734	15 042
Ewes 1 year old or older	farms	2 103	937	15	111	173	175	223	240
	number	68 288	38 168	601	4 028	5 948	8 801	9 859	8 931
Sheep and lambs sold	farms	2 172	981	20	108	179	187	233	254
	number	88 782	55 796	2 250	4 221	11 559	12 424	15 013	10 329
Sheep and lambs shorn	farms	2 060	936	17	109	166	181	217	246
	number	101 512	59 299	788	5 966	9 876	13 744	16 895	12 030
	pounds of wool	782 410	458 228	5 791	44 575	74 096	103 946	135 475	94 345
Horses and ponies inventory	farms	9 536	3 318	65	431	866	705	694	557
	number	52 611	19 979	305	2 335	5 680	4 331	4 228	3 100
Horses and ponies sold	farms	2 403	773	15	122	223	151	143	119
	number	7 808	3 097	43	565	840	604	601	444
	$1,000	11 086	4 565	31	481	1 825	961	900	366
Goats inventory	farms	1 245	383	13	76	117	79	43	55
	number	11 126	4 877	80	921	1 452	1 220	715	489
Goats sold	farms	505	162	7	34	55	31	13	22
	number	4 027	1 343	75	237	471	316	104	140
	$1,000	158	51	2	10	23	8	4	5
POULTRY									
Chickens 3 months old or older inventory	farms	5 785	2 434	42	316	466	451	589	570
	number	7 561 180	6 918 590	44 880	1 016 417	913 392	1 486 574	3 164 706	292 621
Farms with—									
1 to 399		5 470	2 171	36	282	422	387	498	546
400 to 3,199		89	62	3	5	9	16	14	15
3,200 to 9,999		65	59	2	6	11	15	23	2
10,000 to 19,999		70	59	-	9	14	13	19	4
20,000 to 49,999		54	50	1	6	7	12	22	2
50,000 to 99,999		23	19	-	6	2	4	7	-
100,000 or more		14	14	-	2	1	4	6	1
Hens end pullets of laying age	farms	5 707	2 399	41	307	458	445	582	566
	number	6 593 729	6 106 998	41 500	976 360	765 288	1 288 336	2 760 464	275 050
Pullets 3 months old or older not of laying age	farms	683	280	4	48	67	43	67	51
	number	967 451	811 592	3 380	40 057	148 104	198 238	404 242	17 571
Chickens 3 months old or older sold	farms	1 071	622	11	82	107	119	183	120
	number	7 569 952	6 917 570	37 820	974 018	1 277 701	1 328 702	3 046 016	253 313
Broilers and other meat-type chickens sold	farms	636	220	9	31	56	41	41	42
	number	601 403	436 825	389	273 777	71 909	4 605	78 652	7 493
Farms with—									
1 to 1,999		627	215	9	30	55	41	38	42
2,000 to 59,999		6	3	-	-	-	-	3	-
60,000 to 99,999		2	1	-	-	1	-	-	-
100,000 or more		1	1	-	1	-	-	-	-
Turkey hens kept for breeding	farms	269	99	3	20	23	19	19	15
	number	43 754	43 051	7	10 981	15 065	44	16 903	51
Turkeys sold	farms	265	89	1	23	24	13	16	12
	number	1 901 774	1 809 155	(D)	(D)	1 025 282	168 652	168 618	190 551
CROPS HARVESTED									
Corn for grain or seed	farms	30 784	18 816	719	2 596	3 419	3 820	4 914	3 348
	acres	2 566 700	2 115 285	62 632	319 449	508 584	544 013	500 745	179 862
	bushels	256 304 308	215 717 172	6 108 207	32 218 924	52 936 044	56 610 198	50 863 983	16 979 816
Irrigated	farms	811	686	24	105	178	199	141	39
	acres	135 306	121 072	2 402	24 322	33 412	33 807	23 071	4 058
Ferms by acres harvested:									
1 to 24 acres		11 724	4 889	168	492	592	705	1 332	1 600
25 to 99 acres		11 873	7 659	335	1 119	1 276	1 479	2 130	1 320
100 to 249 acres		4 925	4 163	170	665	966	1 043	998	321
250 acres or more		2 262	2 105	46	320	585	593	454	107
Corn for silage or green chop	farms	9 596	7 707	221	1 116	1 683	1 816	2 014	857
	acres	390 046	355 452	6 164	46 680	85 264	92 716	97 419	27 209
	tons, green	5 196 764	4 780 954	72 091	613 315	1 130 817	1 258 814	1 364 440	341 477
Irrigated	farms	108	100	2	10	32	33	19	4
	acres	5 095	4 774	(D)	(D)	1 226	1 657	1 153	280
Farms by acres harvested:									
1 to 24 acres		4 952	3 411	124	487	605	705	933	557
25 to 99 acres		3 740	3 431	89	536	847	857	862	240
100 to 249 acres		784	754	8	80	208	231	177	50
250 acres or more		120	111	-	13	23	23	42	10
Wheat for grain	farms	15 413	10 360	286	1 159	1 731	2 115	2 931	2 138
	acres	513 197	406 072	8 884	48 506	85 149	101 957	110 229	51 347
	bushels	20 754 410	16 775 865	364 489	1 994 315	3 628 796	4 251 534	4 590 266	1 946 465
Irrigated	farms	59	46	-	8	6	16	13	3
	acres	5 041	4 707	-	425	397	2 550	1 252	83
Ferms by acres harvested:									
1 to 24 acres		8 913	5 225	160	540	698	852	1 513	1 462
25 to 99 ecres		5 575	4 290	115	514	809	1 037	1 189	626
100 to 249 ecres		836	760	10	92	200	195	214	49
250 ecres or more		89	85	1	13	24	31	15	1
Oats for grain	farms	16 623	10 957	301	1 303	1 890	2 246	3 030	2 187
	acres	398 493	307 910	8 660	38 135	60 777	71 793	84 058	44 487
	bushels	24 765 511	19 733 608	561 002	2 424 463	3 957 461	4 736 689	5 424 127	2 629 866
Irrigated	farms	42	27	2	3	6	5	3	8
	acres	529	348	(D)	(D)	85	65	49	74

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Sheep and lambs of all ages inventory	farms	1 352	19	184	501	337	210	101
	number	47 559	480	5 930	17 330	11 254	8 555	4 010
Ewes 1 year old or older	farms	1 166	14	160	431	288	181	92
	number	30 120	310	3 979	10 749	7 343	5 219	2 520
Sheep and lambs sold	farms	1 191	15	159	437	299	188	93
	number	32 986	240	5 604	11 201	7 349	5 798	2 794
Sheep and lambs shorn	farms	1 124	13	149	421	274	177	90
	number	42 213	381	5 880	15 291	10 230	7 177	3 254
	pounds of wool	324 182	2 947	41 786	117 262	78 499	57 569	26 119
Horses and ponies inventory	farms	6 218	55	867	2 334	1 739	907	316
	number	32 632	246	4 181	11 338	9 404	5 352	2 111
Horses and ponies sold	farms	1 630	13	240	619	453	233	72
	number	4 711	43	589	1 806	1 125	899	249
	$1,000	6 521	30	552	2 097	1 766	1 711	364
Goats inventory	farms	862	9	162	370	204	92	25
	number	6 249	29	854	2 845	1 604	734	183
Goats sold	farms	343	8	72	155	77	21	10
	number	2 684	27	497	1 368	464	254	74
	$1,000	107	(Z)	25	52	18	10	2
POULTRY								
Chickens 3 months old or older inventory	farms	3 351	29	552	1 206	874	489	201
	number	642 590	628	55 597	196 311	204 636	106 906	78 512
Farms with—								
1 to 399		3 299	29	546	1 194	854	484	192
400 to 3,199		27	-	2	6	10	2	7
3,200 to 9,999		6	-	3	2	1	-	-
10,000 to 19,999		11	-	1	1	6	2	1
20,000 to 49,999		4	-	-	1	3	-	-
50,000 to 99,999		4	-	-	2	-	1	1
100,000 or more		-	-	-	-	-	-	-
Hens and pullets of laying age	farms	3 308	29	544	1 191	864	482	198
	number	486 731	573	53 717	142 127	168 146	94 308	27 860
Pullets 3 months old or older not of laying age	farms	403	5	69	148	107	54	20
	number	155 859	55	1 880	54 184	36 490	12 598	50 652
Chickens 3 months old or older sold	farms	449	2	86	160	104	73	24
	number	652 382	(D)	(D)	171 232	263 877	110 661	65 583
Broilers and other meat-type chickens sold	farms	416	9	107	165	85	43	7
	number	164 578	739	32 804	94 142	20 512	15 603	778
Farms with—								
1 to 1,999		412	9	106	164	84	42	7
2,000 to 59,999		3	-	1	-	1	1	-
60,000 to 99,999		1	-	-	1	-	-	-
100,000 or more		-	-	-	-	-	-	-
Turkey hens kept for breeding	farms	170	2	34	71	49	7	7
	number	703	(D)	(D)	198	261	27	18
Turkeys sold	farms	176	1	44	64	46	17	4
	number	92 619	(D)	(D)	2 457	21 143	44 669	1 767
CROPS HARVESTED								
Corn for grain or seed	farms	11 968	306	1 946	3 400	3 241	2 215	860
	acres	451 415	10 125	78 857	126 849	130 673	78 055	26 856
	bushels	40 587 136	907 423	7 232 064	11 395 564	11 697 399	6 893 255	2 461 431
Irrigated	farms	125	1	12	42	43	17	10
	acres	14 234	(D)	(D)	3 247	3 371	1 605	2 740
Farms by acres harvested:								
1 to 24 acres		6 835	152	1 033	1 963	1 837	1 289	561
25 to 99 acres		4 214	137	743	1 156	1 140	772	266
100 to 249 acres		762	17	135	242	208	132	28
250 acres or more		157	-	35	39	56	22	5
Corn for silage or green chop	farms	1 889	35	295	519	521	375	144
	acres	34 594	546	3 955	7 959	10 723	6 918	4 493
	tons, green	415 810	6 003	43 448	97 282	132 240	82 028	54 809
Irrigated	farms	8	-	1	1	1	3	2
	acres	321	-	(D)	(D)	(D)	26	(D)
Farms by acres harvested:								
1 to 24 acres		1 541	26	259	434	404	303	115
25 to 99 acres		309	8	33	79	102	62	25
100 to 249 acres		30	1	3	5	12	8	1
250 acres or more		9	-	-	1	3	2	3
Wheat for grain	farms	5 053	124	655	1 238	1 428	1 157	451
	acres	107 125	2 547	14 052	25 813	32 397	24 323	7 993
	bushels	3 978 545	94 193	523 018	953 772	1 221 031	898 597	287 934
Irrigated	farms	13	-	-	5	4	2	2
	acres	334	-	-	76	196	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		3 688	95	475	906	1 007	840	365
25 to 99 acres		1 285	28	169	307	394	303	84
100 to 249 acres		76	1	10	24	26	13	2
250 acres or more		4	-	1	1	1	1	-
Oats for grain	farms	5 666	114	830	1 612	1 532	1 095	483
	acres	90 583	1 940	13 979	24 545	25 907	17 250	6 962
	bushels	5 031 903	121 197	777 081	1 314 664	1 492 046	946 980	379 935
Irrigated	farms	15	1	2	1	6	3	2
	acres	181	(D)	(D)	(D)	63	26	(D)

See footnotes at end of table.

Table 46. Summary by Age and Principal Occupation of Operator: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.									
Soybeans for beans	farms	14 902	8 698	367	1 183	1 451	1 708	2 312	1 677
	acres	1 122 519	845 712	26 141	123 682	198 957	214 571	196 758	85 603
	bushels	34 304 408	26 484 752	792 235	3 861 955	6 395 991	6 781 689	6 161 607	2 491 275
Irrigated	farms	278	216	7	45	55	61	39	9
	acres	24 942	21 752	552	4 779	6 203	6 194	3 528	496
Farms by acres harvested:									
1 to 24 acres		4 719	2 044	86	239	233	287	572	627
25 to 99 acres		6 873	3 950	205	511	576	705	1 110	843
100 to 249 acres		2 470	1 938	63	321	403	487	492	172
250 acres or more		840	766	13	112	239	229	138	35
Dry edible beans, excluding dry limas	farms	5 838	4 303	212	626	725	900	1 234	606
	acres	502 250	441 695	16 479	61 163	90 678	116 483	122 649	34 243
	cwt	7 161 680	6 342 769	233 411	881 139	1 283 582	1 754 886	1 715 504	474 247
Irrigated	farms	89	75	2	16	19	18	17	3
	acres	10 302	9 647	(D)	(D)	2 943	2 383	1 793	418
Farms by acres harvested:									
1 to 24 acres		1 511	803	40	105	103	128	204	223
25 to 99 acres		2 676	1 970	125	300	264	371	612	298
100 to 249 acres		1 247	1 134	37	172	256	282	320	67
250 acres or more		404	396	10	49	102	119	98	18
Irish potatoes	farms	765	568	12	67	93	126	157	113
	acres	48 664	46 702	637	4 739	12 457	9 896	15 307	3 667
	cwt	12 414 828	11 968 544	122 579	1 224 456	3 171 873	2 538 390	3 972 786	938 460
Irrigated	farms	237	208	4	27	47	57	58	15
	acres	26 556	26 020	255	2 569	7 259	6 341	7 979	1 617
Farms by acres harvested:									
0.1 to 4.9 acres		367	209	1	19	20	34	57	78
5.0 to 24.9 acres		103	78	5	9	9	19	21	15
25.0 to 99.9 acres		130	123	3	21	21	40	31	7
100.0 acres or more		165	158	3	18	43	33	48	13
Sugar beets for sugar	farms	1 351	1 180	72	191	231	312	322	52
	acres	96 582	92 552	3 064	12 040	22 565	29 167	22 619	3 097
	tons	1 810 556	1 736 447	56 580	226 941	420 880	550 906	427 811	53 329
Irrigated	farms	14	13	-	5	1	4	3	-
	acres	550	(D)	-	156	(D)	155	154	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	28 513	15 714	339	1 819	2 831	3 149	4 133	3 443
	acres	1 363 149	1 044 498	19 243	131 388	226 674	260 653	272 768	133 772
	tons, dry	3 470 998	2 815 471	47 798	372 386	646 547	720 251	724 873	303 616
Irrigated	farms	139	107	3	14	29	29	22	10
	acres	5 373	4 930	27	391	1 554	1 229	1 228	501
Farms by acres harvested:									
1 to 24 acres		14 143	5 381	120	539	819	835	1 378	1 690
25 to 99 acres		10 497	6 865	160	820	1 158	1 392	1 839	1 496
100 to 249 acres		3 282	2 918	52	398	708	749	779	232
250 acres or more		591	550	7	62	146	173	137	25
Alfalfa hay	farms	24 283	13 756	297	1 620	2 519	2 776	3 653	2 891
	acres	948 882	712 242	13 549	90 795	152 078	170 554	187 665	97 601
	tons, dry	2 707 341	2 175 155	37 952	296 074	498 501	537 550	561 294	243 784
Irrigated	farms	111	83	3	11	21	20	20	8
	acres	3 713	3 308	27	230	922	770	1 008	351
Vegetables harvested for sale (see text)	farms	3 629	2 119	76	267	386	420	577	393
	acres	126 170	110 410	3 871	11 462	20 986	30 604	33 530	9 958
Irrigated	farms	775	559	17	95	124	110	152	61
	acres	43 137	40 589	1 659	3 509	8 481	11 832	12 563	2 546
Farms by acres harvested:									
0.1 to 4.9 acres		1 309	508	17	47	70	71	137	166
5.0 to 24.9 acres		1 279	718	24	95	129	129	197	144
25.0 to 99.9 acres		768	633	32	100	119	146	174	62
100.0 acres or more		273	260	3	25	68	74	69	21
Land in orchards	farms	4 274	2 382	34	226	397	435	665	625
	acres	165 121	140 079	1 534	13 681	30 616	33 650	40 132	20 467
Irrigated	farms	442	313	2	48	78	65	85	35
	acres	14 298	12 129	(D)	(D)	3 318	2 812	3 201	1 007
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 300	433	2	34	56	53	106	182
5.0 to 24.9 acres		1 478	696	12	57	86	89	191	261
25.0 to 99.9 acres		1 061	850	17	97	152	184	253	147
100.0 acres or more		435	403	3	38	103	109	115	35
Apples	farms	2 783	1 588	23	165	277	313	440	370
Bearing and nonbearing	acres	69 658	59 923	919	6 115	12 232	14 486	17 135	9 036
	pounds	915 575 438	840 360 061	6 831 054	78 218 144	158 456 255	216 185 259	253 167 849	127 501 500
Cherries	farms	2 071	1 333	13	136	251	267	384	282
Bearing and nonbearing	acres	65 347	55 698	299	5 368	13 009	13 285	16 858	6 878
	pounds	231 351 118	205 104 377	687 668	17 142 228	43 248 597	50 265 043	66 323 756	27 437 085
Grapes (see text)	farms	1 312	665	12	51	97	100	186	219
Bearing and nonbearing	acres	12 781	9 530	195	904	1 933	2 311	2 182	2 004
Fresh weight	pounds	94 862 025	75 444 976	1 323 408	6 575 109	14 724 583	19 284 973	18 411 103	15 125 800

See footnotes at end of table.

Table 46. **Summary by Age and Principal Occupation of Operator: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.								
Soybeans for beans	farms	6 204	195	1 007	1 692	1 676	1 215	419
	acres	276 807	7 331	48 425	79 974	78 677	48 944	13 456
	bushels	7 819 656	213 867	1 382 986	2 272 376	2 220 521	1 364 715	365 191
Irrigated	farms	62	1	9	22	15	13	2
	acres	3 190	(D)	360	1 180	704	604	(D)
Farms by acres harvested:								
1 to 24 acres		2 675	86	412	707	687	552	231
25 to 99 acres		2 923	100	470	793	816	576	168
100 to 249 acres		532	8	114	168	144	80	18
250 acres or more		74	1	11	24	29	7	2
Dry edible beans, excluding dry limas	farms	1 535	43	249	405	419	288	131
	acres	60 555	1 633	9 360	17 706	17 282	10 635	3 939
	cwt	818 911	20 337	122 346	241 962	233 497	147 241	53 528
Irrigated	farms	14	-	-	4	4	4	2
	acres	655	-	-	133	296	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		708	25	121	170	176	142	74
25 to 99 acres		706	15	111	192	210	127	51
100 to 249 acres		113	3	16	40	32	16	6
250 acres or more		8	-	1	3	1	3	-
Irish potatoes	farms	197	3	15	47	54	45	33
	acres	1 962	13	36	518	452	754	190
	cwt	446 284	2 476	3 922	55 818	163 847	179 344	40 877
Irrigated	farms	29	-	3	6	12	6	2
	acres	535	-	1	22	335	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		158	1	13	35	44	36	29
5.0 to 24.9 acres		25	2	2	7	9	2	3
25.0 to 99.9 acres		7	-	-	4	-	3	-
100.0 acres or more		7	-	-	1	1	4	1
Sugar beets for sugar	farms	171	10	33	46	50	23	9
	acres	4 030	141	553	1 355	1 236	564	181
	tons	74 109	2 786	9 207	25 397	22 763	10 684	3 272
Irrigated	farms	1	-	-	-	1	-	-
	acres	(D)	-	-	-	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	12 799	140	1 495	3 743	3 623	2 599	1 199
	acres	318 651	2 817	35 029	86 941	92 044	69 102	32 718
	tons, dry	655 527	5 221	70 474	181 985	189 846	141 649	66 352
Irrigated	farms	32	-	1	10	7	11	3
	acres	443	-	(D)	(D)	242	81	26
Farms by acres harvested:								
1 to 24 acres		8 762	105	1 090	2 679	2 466	1 670	752
25 to 99 acres		3 632	32	353	975	1 023	836	413
100 to 249 acres		364	3	46	74	123	88	30
250 acres or more		41	-	6	15	11	5	4
Alfalfa hay	farms	10 527	110	1 200	3 109	2 978	2 166	964
	acres	236 640	2 069	25 615	65 114	67 187	51 993	24 662
	tons, dry	532 186	4 057	56 449	148 397	154 125	113 965	55 193
Irrigated	farms	28	-	1	9	6	9	3
	acres	405	-	(D)	(D)	214	75	24
Vegetables harvested for sale (see text)	farms	1 510	21	197	479	405	302	106
	acres	15 760	366	2 150	4 806	4 189	3 039	1 211
Irrigated	farms	216	-	33	66	68	41	8
	acres	2 548	-	214	1 145	546	577	67
Farms by acres harvested:								
0.1 to 4.9 acres		801	10	103	273	203	152	60
5.0 to 24.9 acres		561	8	66	160	167	119	41
25.0 to 99.9 acres		135	2	27	44	30	29	3
100.0 acres or more		13	1	1	2	5	2	2
Land in orchards	farms	1 892	16	216	464	572	432	192
	acres	25 042	350	2 252	4 484	8 802	6 523	2 631
Irrigated	farms	129	2	15	30	43	31	8
	acres	2 169	(D)	(D)	265	1 133	440	167
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		867	4	112	245	249	177	80
5.0 to 24.9 acres		782	5	83	171	239	196	88
25.0 to 99.9 acres		211	7	17	45	69	54	19
100.0 acres or more		32	-	4	3	15	5	5
Apples	farms	1 195	9	150	315	358	262	101
Bearing and nonbearing	acres	9 735	132	813	1 773	3 411	2 545	1 060
	pounds	75 215 377	663 776	5 480 537	7 912 926	27 551 103	22 858 432	10 748 603
Cherries	farms	738	6	96	179	216	170	71
Bearing and nonbearing	acres	9 650	199	909	1 603	3 377	2 594	969
	pounds	26 246 741	513 931	2 768 132	4 521 092	8 650 118	6 957 855	2 835 613
Grapes (see text)	farms	647	4	68	168	192	145	70
Bearing and nonbearing	acres	3 251	17	328	636	1 032	807	432
Fresh weight	pounds	19 417 049	78 000	1 992 680	3 382 086	6 343 679	5 308 192	2 312 412

[1]Data are based on a sample of farms.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms — number	38 253	13 074	448	1 168	1 523	1 648	3 291	4 996
percent	100.0	34.2	1.2	3.1	4.0	4.3	8.6	13.1
Land in farms — acres	3 292 847	1 425 482	34 323	99 097	161 037	202 527	388 959	539 539
Average size of farm — acres	86	109	77	85	106	123	118	108
Value of land and buildings[1] — farms	38 330	13 355	421	1 149	1 492	1 592	3 774	4 927
$1,000	3 848 419	1 480 358	37 531	124 009	184 999	203 048	411 638	519 133
Average per farm — dollars	100 402	110 847	89 147	107 928	123 994	127 543	109 072	105 365
Average per acre — dollars	1 168	1 012	1 508	1 292	1 179	926	958	969
Farms by value of land and buildings:								
$1 to $19,999	2 296	595	67	62	135	21	158	152
$20,000 to $39,999	4 342	1 381	121	118	125	99	331	587
$40,000 to $69,999	9 551	3 035	66	286	280	323	789	1 291
$70,000 to $99,999	7 966	2 661	54	283	231	332	711	1 050
$100,000 to $149,999	6 878	2 706	25	139	321	405	866	950
$150,000 to $199,999	3 481	1 392	26	146	155	156	522	387
$200,000 to $499,999	3 515	1 440	55	91	222	233	387	452
$500,000 to $999,999	235	111	6	23	20	23	5	34
$1,000,000 or more	66	34	1	1	3	-	5	24
Owned and rented land by operator:								
Land owned — farms	36 011	12 274	208	926	1 408	1 585	3 216	4 931
acres	3 035 239	1 311 695	12 954	61 794	128 677	174 432	374 777	559 061
Land rented or leased from others — farms	9 846	3 335	319	592	581	498	690	655
acres	555 870	227 193	22 250	41 411	42 863	38 679	44 393	37 597
Rented or leased land in farms — farms	9 773	3 300	318	591	571	496	686	638
acres	546 197	223 372	22 151	41 163	42 189	38 222	44 058	35 589
Land rented or leased to others — farms	5 668	1 912	18	86	164	184	448	1 012
acres	298 262	113 406	881	4 108	10 503	10 584	30 211	57 119
LAND IN FARMS ACCORDING TO USE								
Total cropland — farms	36 229	12 598	418	1 084	1 425	1 580	3 202	4 889
acres	2 083 308	929 112	28 879	71 801	106 563	130 173	251 413	340 283
Harvested cropland — farms	33 827	12 063	409	1 020	1 331	1 509	3 079	4 715
acres	1 450 951	663 460	25 273	57 474	73 429	93 816	181 377	232 091
Farms by acres harvested:								
1 to 9 acres	5 551	1 253	27	125	163	136	271	531
10 to 29 acres	10 390	2 842	87	250	346	314	682	1 163
30 to 49 acres	6 533	2 341	83	153	228	273	586	1 018
50 to 99 acres	8 235	3 858	143	308	374	508	1 017	1 508
100 to 199 acres	2 897	1 612	61	168	194	242	478	469
200 to 499 acres	218	157	8	16	26	36	45	26
500 acres or more	3	-	-	-	-	-	-	-
Cropland:								
Pasture or grazing only — farms	12 572	4 331	52	341	581	610	1 121	1 626
acres	316 162	136 789	1 265	7 689	16 365	19 286	37 359	54 825
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured — farms	3 264	1 254	20	74	130	171	325	534
acres	56 678	24 572	492	1 261	2 840	3 501	5 469	11 009
On which all crops failed — farms	1 863	690	13	44	106	98	201	228
acres	29 384	12 981	198	681	1 809	2 112	4 046	4 135
In cultivated summer fallow — farms	3 258	1 431	15	77	133	167	383	656
acres	54 870	25 243	353	1 235	1 964	2 771	6 552	12 368
Idle — farms	8 414	2 969	59	203	332	365	769	1 241
acres	175 263	66 067	1 298	3 461	10 156	8 687	16 610	25 855
Total woodland — farms	20 011	7 276	111	499	807	1 008	1 964	2 887
acres	734 045	305 534	2 909	16 056	34 034	45 454	82 398	124 683
Woodland pastured — farms	5 004	1 914	28	141	203	292	521	729
acres	150 215	68 102	430	4 690	5 732	10 210	19 309	27 731
Woodland not pastured — farms	17 074	6 224	90	417	708	844	1 691	2 474
acres	583 830	237 432	2 479	11 366	28 302	35 244	63 089	96 952
Pastureland and rangeland other than cropland and woodland pastured — farms	4 586	1 540	17	117	202	210	412	582
acres	111 906	46 694	289	3 646	4 926	6 946	15 283	15 604
Land in house lots, ponds, roads, wasteland, etc. — farms	29 050	9 944	184	756	1 138	1 241	2 613	4 012
acres	363 588	144 142	2 246	7 594	15 514	19 954	39 865	58 969
Pastureland, all types — farms	17 372	5 890	79	469	771	827	1 536	2 208
acres	578 283	251 585	1 984	16 025	27 023	36 442	71 951	98 160
Irrigated land — farms	966	366	16	60	62	34	84	110
acres	9 202	3 938	341	580	701	427	973	916
Harvested cropland irrigated — farms	943	363	16	60	62	34	82	109
acres	8 734	3 766	341	(D)	(D)	427	908	903
Pasture and other land irrigated — farms	51	12	-	3	2	-	4	3
acres	468	172	-	(D)	(D)	-	65	13
Land set aside in federal farm programs in 1982 — farms	1 686	785	16	48	62	97	251	311
acres	12 946	6 235	156	299	510	784	1 939	2 547
TENURE AND RACE OF OPERATOR								
All operators	38 253	13 074	448	1 168	1 523	1 648	3 291	4 996
Full owners	28 432	9 749	129	577	945	1 151	2 603	4 344
Part owners	7 531	2 507	79	343	460	434	609	582
Tenants	2 290	818	240	248	118	63	79	70
White	37 990	12 982	445	1 164	1 512	1 632	3 265	4 964
Full owners	28 235	9 678	127	574	943	1 140	2 581	4 313
Part owners	7 486	2 493	79	343	454	431	605	581
Tenants	2 269	811	239	247	115	61	79	70
Black and other races	263	92	3	4	11	16	26	32
Full owners	197	71	2	3	2	11	22	31
Part owners	45	14	-	-	6	3	4	1
Tenants	21	7	1	1	3	2	-	-

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms	number	25 179	532	3 517	7 166	6 716	4 919	2 329
	percent	65.8	1.4	9.2	18.7	17.6	12.9	6.1
Land in farms	acres	1 867 365	28 054	206 401	470 150	536 803	424 003	201 954
Average size of farm	acres	74	53	59	66	80	86	87
Value of land and buildings[1]	farms	24 975	599	3 367	7 255	6 830	4 546	2 378
	$1,000	2 368 061	43 038	268 295	703 948	689 718	426 505	236 557
Average per farm	dollars	94 817	71 850	79 684	97 029	100 984	93 820	99 477
Average per acre	dollars	1 292	1 384	1 386	1 448	1 304	1 091	1 170
Farms by value of land and buildings:								
$1 to $19,999		1 701	109	387	448	323	215	219
$20,000 to $39,999		2 961	120	461	739	691	627	323
$40,000 to $69,999		6 516	124	956	1 714	1 815	1 225	682
$70,000 to $99,999		5 305	115	645	1 700	1 487	956	402
$100,000 to $149,999		4 172	44	527	1 345	1 136	819	301
$150,000 to $199,999		2 089	52	165	651	663	363	195
$200,000 to $499,999		2 075	35	218	603	676	312	231
$500,000 to $999,999		124	-	8	54	29	21	12
$1,000,000 or more		32	-	-	1	10	8	13
Owned and rented land by operator:								
Land owned	farms	23 737	295	3 028	6 821	6 501	4 815	2 277
	acres	1 723 544	13 979	140 916	401 922	512 293	435 795	218 639
Land rented or leased from others	farms	6 511	337	1 470	2 145	1 521	798	240
	acres	328 677	15 668	77 429	108 613	79 483	35 494	11 990
Rented or leased land in farms	farms	6 473	337	1 465	2 135	1 511	792	233
	acres	322 825	15 468	76 523	107 565	77 407	34 694	11 168
Land rented or leased to others	farms	3 756	34	342	912	1 064	880	524
	acres	184 856	1 593	11 944	40 385	54 973	47 286	28 675
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	23 631	485	3 249	6 657	6 343	4 705	2 192
	acres	1 154 196	21 668	144 328	297 603	326 408	252 252	111 937
Harvested cropland	farms	21 764	465	2 986	6 071	5 847	4 356	2 039
	acres	787 491	18 432	109 946	209 845	217 839	163 121	68 308
Farms by acres harvested:								
1 to 9 acres		4 298	75	659	1 355	1 069	763	377
10 to 29 acres		7 548	144	978	2 170	2 018	1 504	734
30 to 49 acres		4 192	104	525	1 078	1 150	875	460
50 to 99 acres		4 377	113	605	1 116	1 229	930	384
100 to 199 acres		1 285	26	210	327	368	275	79
200 to 499 acres		61	3	9	23	12	9	5
500 acres or more		3	-	-	2	1	-	-
Cropland:								
Pasture or grazing only	farms	8 241	80	978	2 505	2 373	1 634	671
	acres	179 373	1 713	15 271	44 359	52 983	43 680	21 367
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	2 010	21	227	588	561	441	172
	acres	32 106	242	3 019	7 804	9 446	8 287	3 308
On which all crops failed	farms	1 173	15	174	326	319	252	87
	acres	16 403	123	2 064	4 301	4 923	3 502	1 490
In cultivated summer fallow	farms	1 827	22	203	461	510	425	206
	acres	29 627	330	3 282	7 164	8 232	7 364	3 255
Idle	farms	5 445	68	654	1 433	1 537	1 202	551
	acres	109 196	828	10 746	24 130	32 985	26 298	14 209
Total woodland	farms	12 735	154	1 434	3 520	3 629	2 752	1 246
	acres	428 511	3 516	36 002	101 052	128 748	106 938	52 255
Woodland pastured	farms	3 090	43	307	863	910	664	303
	acres	82 113	807	6 434	19 265	27 363	19 364	8 880
Woodland not pastured	farms	10 850	128	1 244	2 995	3 069	2 354	1 060
	acres	346 398	2 709	29 568	81 787	101 385	87 574	43 375
Pastureland and rangeland other than cropland and woodland pastured	farms	3 046	40	385	975	832	569	245
	acres	65 212	557	5 934	17 151	19 392	13 710	8 468
Land in house lots, ponds, roads, wasteland, etc.	farms	19 106	253	2 441	5 456	5 267	3 896	1 793
	acres	219 446	2 313	20 137	54 344	62 255	51 103	29 294
Pastureland, all types	farms	11 482	126	1 398	3 526	3 272	2 227	933
	acres	326 698	3 077	27 639	80 775	99 738	76 754	38 715
Irrigated land	farms	600	10	82	160	176	133	39
	acres	5 264	83	590	1 586	1 694	988	323
Harvested cropland irrigated	farms	580	10	80	151	170	130	39
	acres	4 968	83	574	1 502	1 604	(D)	(D)
Pasture and other land irrigated	farms	39	-	5	15	11	7	1
	acres	296	-	16	84	90	(D)	(D)
Land set aside in federal farm programs in 1982	farms	901	19	100	236	260	219	67
	acres	6 711	123	638	1 877	1 926	1 555	592
TENURE AND RACE OF OPERATOR								
All operators		25 179	532	3 517	7 166	6 716	4 919	2 329
Full owners		18 683	195	2 051	5 026	5 197	4 124	2 090
Part owners		5 024	99	973	1 790	1 291	687	184
Tenants		1 472	238	493	350	228	108	55
White		25 008	530	3 494	7 123	6 672	4 871	2 318
Full owners		18 557	193	2 037	4 996	5 162	4 088	2 081
Part owners		4 993	99	969	1 780	1 286	677	182
Tenants		1 458	238	488	347	224	106	55
Black and other races		171	2	23	43	44	48	11
Full owners		126	2	14	30	35	36	9
Part owners		31	-	4	10	5	10	2
Tenants		14	-	5	3	4	2	-

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	30 390	10 726	225	810	1 210	1 347	2 779	4 355
Not on farm operated	4 880	1 306	195	291	166	164	242	248
Not reported	2 983	1 042	28	67	147	137	270	393
Operators by principal occupation:								
Farming	13 074	13 074	448	1 168	1 523	1 648	3 291	4 996
Other	25 179	-	-	-	-	-	-	-
Operators by days of work off farm:								
None	9 651	7 394	175	374	541	719	1 963	3 622
Any	26 580	3 658	235	685	769	687	824	458
1 to 99 days	2 742	1 648	101	276	253	246	427	345
100 to 199 days	4 090	923	54	167	239	192	210	61
200 days or more	19 748	1 087	80	242	277	249	187	52
Not reported	2 022	2 022	38	109	213	242	504	916
Operators by years on present farm:								
2 years or less	2 245	596	136	187	105	70	74	24
3 or 4 years	3 594	859	138	266	198	120	98	39
5 to 9 years	6 514	1 369	59	385	356	198	254	117
10 years or more	18 964	7 595	-	114	536	917	2 212	3 816
Average years on present farm	17.4	24.0	3.1	5.4	9.8	16.4	25.3	36.0
Not reported	6 936	2 655	115	216	328	343	653	1 000
Operators by age group:								
Under 25 years	980	448	448	-	-	-	-	-
25 to 34 years	4 685	1 168	-	1 168	-	-	-	-
35 to 44 years	8 689	1 523	-	-	1 523	-	-	-
45 to 54 years	8 364	1 648	-	-	-	1 648	-	-
55 to 64 years	8 210	3 291	-	-	-	-	3 291	-
65 years and over	7 325	4 996	-	-	-	-	-	4 996
Average age	50.5	56.7	21.5	29.5	39.6	50.0	60.0	71.4
Operators by sex:								
Male	36 208	12 086	434	1 043	1 345	1 499	3 081	4 684
Female	2 045	988	14	125	178	149	210	312
Operators of Spanish origin	90	19	-	1	3	6	5	4
FARMS BY TYPE OF ORGANIZATION								
Individual or family — farms	35 792	12 130	396	1 062	1 408	1 527	3 065	4 672
Individual or family — acres	3 018 769	1 295 512	30 798	90 753	138 957	185 035	355 764	494 205
Partnership — farms	2 129	841	50	91	95	96	211	298
Partnership — acres	224 396	108 003	(D)	6 632	13 236	(D)	30 918	40 730
Corporation:								
Family held — farms	171	63	1	11	11	17	7	16
Family held — acres	26 821	12 589	(D)	(D)	3 290	3 603	995	3 453
More than 10 stockholders — farms	7	4	-	1	-	-	1	2
10 or less stockholders — farms	164	59	1	10	11	17	6	14
Other than family held — farms	27	8	-	1	3	1	2	1
Other than family held — acres	7 498	4 066	-	(D)	3 236	(D)	(D)	(D)
More than 10 stockholders — farms	1	-	-	-	-	-	-	-
10 or less stockholders — farms	26	8	-	1	3	1	2	1
Other—cooperative, estate or trust, institutional, etc. — farms	134	32	1	3	6	7	6	9
Other—cooperative, estate or trust, institutional, etc. — acres	15 363	5 312	(D)	(D)	2 318	770	(D)	(D)
FARMS BY SIZE								
1 to 9 acres	2 346	552	42	102	84	62	91	171
10 to 49 acres	13 483	3 207	157	383	451	371	687	1 158
50 to 69 acres	4 023	1 249	57	116	169	140	292	475
70 to 99 acres	6 737	2 476	85	201	255	274	626	1 035
100 to 139 acres	4 806	2 102	41	157	192	282	562	868
140 to 179 acres	2 895	1 393	25	91	129	176	412	560
180 to 219 acres	1 557	782	21	45	87	108	226	295
220 to 259 acres	886	492	6	27	52	86	154	167
260 to 499 acres	1 298	700	11	39	79	125	217	229
500 to 999 acres	199	109	3	6	22	24	21	33
1,000 to 1,999 acres	22	11	-	1	2	-	3	5
2,000 acres or more	1	1	-	-	1	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	14 575	5 407	280	458	470	607	1 402	2 190
Field crops, except cash grains (013)	3 678	1 151	20	89	114	143	262	523
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	3 678	1 151	20	89	114	143	262	523
Vegetables and melons (016)	1 218	433	17	49	54	54	96	163
Fruits and tree nuts (017)	2 206	866	14	61	89	90	227	385
Horticultural specialties (018)	556	179	1	16	27	24	40	71
General farms, primarily crop (019)	1 783	443	9	23	66	50	122	173
Livestock, except dairy, poultry, and animal specialties (021)	10 617	3 314	67	302	417	485	832	1 211
Beef cattle, except feedlots (0212)	4 751	1 547	22	99	161	223	409	633
Dairy farms (024)	750	568	16	67	102	89	167	127
Poultry and eggs (025)	332	68	4	8	15	5	14	22
Animal specialties (027)	2 131	492	16	85	149	77	82	83
General farms, primarily livestock (029)	407	153	4	10	20	24	47	48

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	19 664	256	2 588	5 944	5 413	3 912	1 551
Not on farm operated	3 574	245	720	815	859	627	308
Not reported	1 941	31	209	407	444	380	470
Operators by principal occupation:							
Farming	-	-	-	-	-	-	-
Other	25 179	532	3 517	7 166	6 716	4 919	2 329
Operators by days of work off farm:							
None	2 257	20	86	180	252	480	1 239
Any	22 922	512	3 431	6 986	6 464	4 439	1 090
1 to 99 days	1 094	43	116	222	230	233	250
100 to 199 days	3 167	75	419	951	789	691	242
200 days or more	18 661	394	2 896	5 813	5 445	3 515	598
Not reported	-	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less	1 649	176	574	499	249	116	35
3 or 4 years	2 735	155	862	1 009	485	179	45
5 to 9 years	5 145	72	1 248	2 115	1 133	478	99
10 years or more	11 369	-	370	2 552	3 822	3 302	1 323
Average years on present farm	14.0	3.1	5.4	9.0	14.8	22.2	30.2
Not reported	4 281	129	463	991	1 027	844	827
Operators by age group:							
Under 25 years	532	532	-	-	-	-	-
25 to 34 years	3 517	-	3 517	-	-	-	-
35 to 44 years	7 166	-	-	7 166	-	-	-
45 to 54 years	6 716	-	-	-	6 716	-	-
55 to 64 years	4 919	-	-	-	-	4 919	-
65 years and over	2 329	-	-	-	-	-	2 329
Average age	47.2	21.8	30.5	39.6	49.4	58.9	71.1
Operators by sex:							
Male	24 122	521	3 409	6 896	6 486	4 699	2 111
Female	1 057	11	108	270	230	220	218
Operators of Spanish origin	71	1	16	18	12	22	2
FARMS BY TYPE OF ORGANIZATION							
Individual or family — farms	23 662	474	3 240	6 837	6 339	4 623	2 149
acres	1 723 257	23 843	185 931	441 236	497 737	394 143	180 367
Partnership — farms	1 288	49	237	270	316	259	157
acres	116 393	3 594	17 948	21 454	30 109	25 451	17 837
Corporation:							
Family held — farms	108	1	17	28	31	18	13
acres	14 232	(D)	(D)	3 120	5 542	1 673	2 499
More than 10 stockholders — farms	3	-	-	2	-	1	-
10 or less stockholders — farms	105	1	17	26	31	17	13
Other than family held — farms	19	-	-	9	4	6	-
acres	3 432	-	-	2 540	43	849	-
More than 10 stockholders — farms	1	-	-	-	-	1	-
10 or less stockholders — farms	18	-	-	9	4	5	-
Other—cooperative, estate or trust, institutional, etc. — farms	102	8	23	22	26	13	10
acres	10 051	(D)	(D)	1 800	3 372	1 887	1 251
FARMS BY SIZE							
1 to 9 acres	1 794	75	394	562	379	239	145
10 to 49 acres	10 276	240	1 648	3 299	2 573	1 730	786
50 to 69 acres	2 774	68	366	770	763	546	261
70 to 99 acres	4 261	71	474	1 111	1 214	941	450
100 to 139 acres	2 704	42	318	653	812	603	276
140 to 179 acres	1 502	20	169	349	410	382	172
180 to 219 acres	775	10	70	197	220	192	86
220 to 259 acres	394	4	30	77	136	94	53
260 to 499 acres	598	1	43	125	174	167	88
500 to 999 acres	90	1	5	22	29	22	11
1,000 to 1,999 acres	11	-	-	1	6	3	1
2,000 acres or more	-	-	-	-	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	9 168	328	1 412	2 367	2 380	1 871	810
Field crops, except cash grains (013)	2 527	23	258	732	634	525	355
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	2 527	23	258	732	634	525	355
Vegetables and melons (016)	785	12	102	245	197	161	68
Fruits and tree nuts (017)	1 340	13	148	304	392	322	161
Horticultural specialties (018)	377	8	54	69	106	83	57
General farms, primarily crop (019)	1 340	14	156	391	384	264	131
Livestock, except dairy, poultry, and animal specialties (021)	7 303	111	1 047	2 261	1 951	1 337	596
Beef cattle, except feedlots (0212)	3 204	45	372	845	907	697	338
Dairy farms (024)	182	4	32	40	47	39	20
Poultry and eggs (025)	264	1	56	90	58	40	19
Animal specialties (027)	1 639	18	224	579	496	229	93
General farms, primarily livestock (029)	254	-	28	88	71	48	19

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	38 253	13 074	448	1 168	1 523	1 648	3 291	4 996
	$1,000	219 068	98 831	4 039	9 576	11 556	13 326	26 292	34 041
Farms by value of sales:									
Less than $10,000		30 210	8 765	258	709	1 004	1 031	2 105	3 658
Less than $1,000 (see text)		6 565	1 242	24	110	180	155	293	480
$1,000 to $1,499		2 705	623	9	50	79	77	156	252
$1,500 to $1,999		2 366	574	17	52	54	64	124	263
$2,000 to $2,499		2 082	539	22	60	56	52	112	237
$2,500 to $4,999		7 751	2 390	59	180	249	251	578	1 073
$5,000 to $9,999		8 741	3 397	127	257	386	432	842	1 353
$10,000 to $14,999		4 899	2 517	95	261	298	360	674	829
$15,000 or more		3 144	1 792	95	198	221	257	512	509
Grains	farms	19 268	7 493	334	627	726	886	1 951	2 969
	$1,000	105 084	47 183	2 538	4 410	4 465	5 625	12 931	17 215
Sales of $5,000 or more	farms	8 078	3 694	220	340	342	439	1 020	1 333
	$1,000	80 537	38 391	2 248	3 772	3 607	4 575	10 827	13 363
Corn for grain	farms	11 976	4 631	227	426	453	550	1 209	1 766
	$1,000	47 069	20 129	1 212	2 194	2 021	2 444	5 256	7 004
Wheat	farms	6 674	3 115	64	196	253	333	860	1 409
	$1,000	12 170	5 861	(D)	383	503	622	(D)	2 647
Soybeans	farms	7 579	2 950	149	252	260	340	810	1 139
	$1,000	29 883	12 745	734	1 092	1 214	1 497	3 649	4 559
Sorghum for grain	farms	6	2	-	-	-	-	2	-
	$1,000	(D)	(D)	-	-	-	-	(D)	-
Oats	farms	4 908	2 292	75	179	202	238	631	967
	$1,000	(D)	(D)	(D)	259	261	341	923	1 241
Other grains	farms	2 517	1 276	76	112	124	170	345	449
	$1,000	9 746	5 288	352	483	467	721	1 502	1 763
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $5,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $5,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	8 149	3 028	51	211	311	373	741	1 341
	$1,000	19 795	8 613	193	694	924	1 149	2 097	3 556
Sales of $5,000 or more	farms	1 155	540	15	44	62	79	126	214
	$1,000	9 208	4 475	130	403	521	655	1 032	1 734
Vegetables, sweet corn, and melons	farms	2 032	749	32	67	103	85	187	275
	$1,000	7 663	3 367	157	409	430	440	826	1 107
Sales of $5,000 or more	farms	607	290	13	39	40	38	71	89
	$1,000	5 301	2 612	124	368	336	352	651	781
Fruits, nuts, and berries	farms	2 507	1 058	15	76	116	116	270	465
	$1,000	11 771	6 178	133	485	697	824	1 692	2 348
Sales of $5,000 or more	farms	888	497	13	36	53	67	141	187
	$1,000	9 022	5 168	(D)	(D)	585	728	1 452	1 875
Nursery and greenhouse products	farms	666	235	1	24	35	29	52	94
	$1,000	3 596	1 447	(D)	(D)	285	206	311	449
Sales of $5,000 or more	farms	281	116	1	15	22	16	22	40
	$1,000	2 772	1 213	(D)	(D)	262	187	240	352
Other crops	farms	422	215	17	25	13	33	54	73
	$1,000	1 544	823	99	101	72	136	207	209
Sales of $5,000 or more	farms	136	70	7	10	5	13	19	16
	$1,000	1 122	597	75	72	59	109	147	135
Poultry and poultry products	farms	2 270	724	16	77	118	91	153	269
	$1,000	1 216	496	44	36	67	49	110	191
Sales of $5,000 or more	farms	34	15	2	1	2	-	3	7
	$1,000	329	149	(D)	(D)	(D)	-	38	43
Dairy products	farms	1 020	749	23	93	124	122	220	167
	$1,000	7 633	6 099	183	771	1 016	1 002	1 832	1 296
Sales of $5,000 or more	farms	660	535	17	66	95	87	153	117
	$1,000	6 874	5 597	167	720	946	905	1 669	1 190
Cattle and calves	farms	12 791	4 814	98	407	588	698	1 274	1 749
	$1,000	38 720	16 437	322	1 202	1 914	2 495	4 458	6 046
Sales of $5,000 or more	farms	2 350	1 093	17	72	116	175	314	399
	$1,000	19 497	9 267	168	633	1 001	1 538	2 625	3 301
Hogs and pigs	farms	4 078	1 344	49	209	249	227	296	314
	$1,000	12 842	5 017	252	932	902	877	1 081	973
Sales of $5,000 or more	farms	863	369	19	70	66	68	84	62
	$1,000	7 785	3 344	177	699	584	627	734	523
Sheep, lambs, and wool	farms	1 757	568	12	57	91	77	126	205
	$1,000	2 294	898	(D)	(D)	114	164	254	283
Sales of $5,000 or more	farms	79	37	2	1	6	9	13	6
	$1,000	651	287	(D)	(D)	38	85	110	34
Other livestock and livestock products (see text)	farms	3 086	799	19	128	205	137	148	162
	$1,000	6 912	2 273	90	288	672	360	495	368
Sales of $5,000 or more	farms	418	157	6	19	49	26	36	21
	$1,000	3 635	1 469	70	167	468	211	360	193
FARM-RELATED INCOME AND DIRECT SALES									
Income from machine work, customwork, and other agricultural services	farms	1 534	661	52	123	96	92	140	158
	$1,000	1 639	821	78	217	100	135	157	133
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	5 062	1 481	38	165	252	180	358	488
	$1,000	8 668	3 313	86	345	561	441	919	960

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	25 179	532	3 517	7 166	6 716	4 919	2 329
	$1,000	120 237	3 016	17 385	32 604	33 078	24 046	10 108
Farms by value of sales:								
Less than $10,000		21 445	429	2 961	6 170	5 621	4 191	2 073
Less than $1,000 (see text)		5 323	71	708	1 624	1 466	934	520
$1,000 to $1,499		2 082	32	309	590	517	434	200
$1,500 to $1,999		1 792	38	293	532	428	334	167
$2,000 to $2,499		1 543	39	190	466	393	289	166
$2,500 to $4,999		5 361	124	707	1 518	1 388	1 100	524
$5,000 to $9,999		5 344	125	754	1 440	1 429	1 100	496
$10,000 to $14,999		2 382	72	319	646	722	464	159
$15,000 or more		1 352	31	237	350	373	264	97
Grains	farms	11 775	361	1 783	3 143	3 115	2 357	1 016
	$1,000	57 901	2 012	9 163	14 807	15 642	11 695	4 583
Sales of $5,000 or more	farms	4 384	152	706	1 099	1 201	895	331
	$1,000	42 146	1 488	6 824	10 677	11 533	8 510	3 115
Corn for grain	farms	7 345	227	1 190	1 998	1 937	1 412	581
	$1,000	26 939	977	4 599	7 056	7 179	5 058	2 070
Wheat	farms	3 559	99	419	814	969	889	369
	$1,000	6 309	171	720	1 429	1 763	1 619	606
Soybeans	farms	4 629	157	721	1 227	1 216	948	360
	$1,000	17 138	609	2 698	4 497	4 613	3 551	1 170
Sorghum for grain	farms	4	-	-	2	1	-	1
	$1,000	(D)	-	-	(D)	(D)	-	(D)
Oats	farms	2 616	75	395	707	686	510	243
	$1,000	(D)	(D)	480	762	(D)	572	(D)
Other grains	farms	1 241	43	217	301	308	251	121
	$1,000	4 457	(D)	666	(D)	1 213	895	481
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $5,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $5,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	5 121	66	608	1 475	1 352	1 047	573
	$1,000	11 182	129	1 152	3 157	2 944	2 418	1 383
Sales of $5,000 or more	farms	615	8	58	172	167	135	75
	$1,000	4 733	43	452	1 296	1 297	1 044	601
Vegetables, sweet corn, and melons	farms	1 283	18	163	415	334	258	95
	$1,000	4 295	63	515	1 298	1 145	927	347
Sales of $5,000 or more	farms	317	5	39	95	81	69	28
	$1,000	2 689	35	322	787	707	615	223
Fruits, nuts, and berries	farms	1 449	11	151	373	396	345	173
	$1,000	5 592	91	650	1 135	1 711	1 421	584
Sales of $5,000 or more	farms	391	7	47	79	121	98	39
	$1,000	3 854	88	477	730	1 243	963	353
Nursery and greenhouse products	farms	431	9	63	80	117	101	61
	$1,000	2 150	45	321	391	627	468	298
Sales of $5,000 or more	farms	165	5	26	32	46	36	20
	$1,000	1 559	36	238	307	453	324	201
Other crops	farms	207	10	33	53	57	29	25
	$1,000	721	56	149	217	191	68	40
Sales of $5,000 or more	farms	66	5	15	22	18	5	1
	$1,000	526	51	109	181	135	(D)	(D)
Poultry and poultry products	farms	1 546	14	314	587	371	193	67
	$1,000	720	2	134	228	188	119	47
Sales of $5,000 or more	farms	19	-	4	3	4	5	3
	$1,000	180	-	35	35	44	46	19
Dairy products	farms	271	4	45	69	62	55	36
	$1,000	1 533	29	242	331	390	372	168
Sales of $5,000 or more	farms	125	3	18	30	32	30	12
	$1,000	1 276	(D)	(D)	285	324	332	119
Cattle and calves	farms	7 977	119	1 056	2 370	2 237	1 545	650
	$1,000	22 283	308	2 667	6 076	6 659	4 619	1 954
Sales of $5,000 or more	farms	1 257	14	144	310	411	267	111
	$1,000	10 230	124	1 190	2 502	3 323	2 173	918
Hogs and pigs	farms	2 734	66	576	999	648	334	111
	$1,000	7 825	234	1 606	2 833	1 839	969	343
Sales of $5,000 or more	farms	494	15	106	170	116	67	20
	$1,000	4 441	160	903	1 598	1 055	547	178
Sheep, lambs, and wool	farms	1 189	17	152	445	295	189	91
	$1,000	1 396	15	193	498	340	256	94
Sales of $5,000 or more	farms	42	-	5	18	9	8	2
	$1,000	364	-	56	155	74	(D)	(D)
Other livestock and livestock products (see text)	farms	2 287	24	349	882	621	306	105
	$1,000	4 638	32	592	1 633	1 401	713	266
Sales of $5,000 or more	farms	261	2	32	85	83	43	16
	$1,000	2 166	(D)	(D)	691	703	341	148
FARM-RELATED INCOME AND DIRECT SALES								
Income from machine work, customwork, and other agricultural services	farms	873	48	181	300	176	135	33
	$1,000	818	46	174	238	172	146	42
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	3 581	54	622	1 266	913	554	172
	$1,000	5 355	50	825	1 720	1 554	940	267

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
COMMODITY CREDIT CORPORATION LOANS									
Amount received	farms	744	287	22	41	35	49	70	70
	$1,000	3 830	1 476	113	266	177	256	376	287
Feed grains	farms	547	215	15	32	26	42	49	51
	$1,000	2 992	1 187	63	205	140	216	302	261
Wheat	farms	109	37	-	1	5	3	13	15
	$1,000	106	17	-	(D)	(D)	1	7	6
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	138	53	7	12	7	6	14	7
	$1,000	732	272	50	(D)	(D)	39	68	21
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	10 532	3 130	67	449	508	422	816	868
	$1,000	14 328	4 933	45	963	693	904	1 187	1 141
Farms with expenses of—									
$1 to $499		4 556	1 428	51	142	223	164	385	463
$500 to $999		2 162	512	6	65	86	69	150	136
$1,000 to $4,999		3 172	930	9	173	169	134	216	229
$5,000 or more		642	260	1	69	30	55	65	40
Feed for livestock and poultry	farms	16 346	5 387	128	602	904	754	1 464	1 535
	$1,000	19 533	7 684	283	1 362	1 688	1 202	1 801	1 348
Farms with expenses of—									
$1 to $499		6 766	2 095	53	120	226	218	632	846
$500 to $999		3 408	1 042	23	109	171	152	282	305
$1,000 to $4,999		5 602	1 958	36	317	431	342	493	339
$5,000 or more		570	292	16	56	76	42	57	45
Commercially mixed formula feeds	farms	6 280	2 210	64	292	490	322	598	444
	tons	40 042	15 722	841	2 254	4 601	2 128	3 541	2 358
	$1,000	6 705	2 774	161	466	776	324	630	419
Farms by tons purchased:									
1 to 49 tons		6 194	2 178	54	283	485	314	598	444
50 to 99 tons		77	32	10	9	5	8	-	-
100 tons or more		9	-	-	-	-	-	-	-
Farms with expenses of—									
$1 to $499		2 831	806	32	88	157	110	238	181
$500 to $999		1 387	528	-	80	85	87	122	154
$1,000 to $4,999		1 905	801	22	109	225	122	231	92
$5,000 or more		157	75	10	15	23	3	7	17
Seeds, bulbs, plants, and trees	farms	23 347	8 875	351	755	910	1 098	2 661	3 100
	$1,000	13 610	6 044	288	558	748	891	1 898	1 660
Farms with expenses of—									
$1 to $499		14 045	4 691	180	337	457	499	1 353	1 865
$500 to $999		5 208	2 275	88	185	192	272	724	814
$1,000 to $4,999		4 045	1 881	72	233	259	320	584	413
$5,000 or more		49	28	11	-	2	7	-	8
Commercial fertilizer	farms	24 496	9 389	336	751	880	1 129	2 741	3 552
	$1,000	27 333	12 147	430	959	1 013	1 801	4 071	3 873
Farms with expenses of—									
$1 to $499		9 457	2 793	71	188	277	263	736	1 258
$500 to $999		5 621	2 304	90	172	265	276	624	877
$1,000 to $4,999		9 012	4 070	174	381	328	540	1 280	1 367
$5,000 or more		406	222	1	10	10	50	101	50
Other agricultural chemicals	farms	19 543	7 672	319	703	715	814	2 327	2 794
	$1,000	12 948	5 860	295	705	624	721	1 785	1 730
Farms with expenses of—									
$1 to $499		11 550	4 146	151	398	396	355	1 136	1 710
$500 to $999		3 950	1 685	66	84	114	270	604	547
$1,000 to $4,999		3 892	1 733	94	197	187	162	579	514
$5,000 or more		151	108	8	24	18	27	8	23
Hired farm labor	farms	9 504	3 523	100	346	502	463	932	1 180
	$1,000	10 725	4 302	89	364	702	742	1 081	1 324
Farms with expenses of—									
$1 to $499		3 995	1 419	47	164	250	111	322	525
$500 to $2,499		1 914	703	23	73	49	104	173	281
$2,500 to $4,999		3 404	1 297	30	105	173	233	423	333
$5,000 or more		191	104	-	4	30	15	14	41
Workers by days worked:									
150 days or more	farms	1 237	452	1	20	54	151	101	125
	workers	1 683	581	(D)	(D)	75	192	136	157
Less than 150 days	farms	8 828	3 300	99	328	476	388	893	1 116
	workers	30 650	11 833	359	983	2 054	1 253	3 670	3 514
Contract labor	farms	1 289	439	8	69	56	38	97	171
	$1,000	1 436	532	2	65	55	64	137	209
Farms with expenses of—									
$1 to $499		464	122	8	15	33	-	31	35
$500 to $999		349	138	-	32	2	21	14	69
$1,000 to $4,999		443	175	-	22	20	17	52	64
$5,000 or more		33	4	-	-	1	-	-	3
Customwork, machine hire, and rental of machinery and equipment	farms	11 687	4 288	99	376	489	408	1 254	1 662
	$1,000	7 678	3 103	164	246	305	269	934	1 186
Farms with expenses of—									
$1 to $499		6 750	2 301	44	238	311	232	604	872
$500 to $999		2 464	961	27	54	92	76	277	435
$1,000 to $4,999		2 378	990	12	84	86	100	373	335
$5,000 or more		95	36	16	-	-	-	-	20

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations end symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
COMMODITY CREDIT CORPORATION LOANS								
Amount received	farms	457	13	85	143	124	71	21
	$1,000	2 354	69	415	693	685	441	51
Feed grains	farms	332	8	67	102	90	52	13
	$1,000	1 806	42	345	508	518	345	47
Wheat	farms	72	1	8	21	18	17	7
	$1,000	88	(D)	(D)	20	39	(D)	(D)
Cotton	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	85	5	13	32	24	10	1
	$1,000	460	(D)	(D)	165	128	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	7 402	130	1 283	2 569	2 028	943	449
	$1,000	9 395	106	1 870	3 223	2 806	1 015	375
Farms with expenses of—								
$1 to $499		3 128	52	498	1 156	773	438	211
$500 to $999		1 650	40	337	485	438	217	133
$1,000 to $4,999		2 242	38	366	782	707	249	100
$5,000 or more		382	-	82	146	110	39	5
Feed for livestock and poultry	farms	10 959	182	1 610	3 711	3 227	1 559	670
	$1,000	11 848	122	1 837	3 954	3 741	1 596	599
Farms with expenses of—								
$1 to $499		4 671	80	628	1 504	1 378	735	346
$500 to $999		2 366	41	319	908	633	324	141
$1,000 to $4,999		3 644	61	625	1 217	1 119	457	165
$5,000 or more		278	-	38	82	97	43	18
Commercially mixed formula feeds	farms	4 070	74	657	1 558	1 145	482	154
	tons	24 320	338	3 984	8 594	6 276	3 644	1 485
	$1,000	3 930	38	669	1 342	1 117	547	217
Farms by tons purchased:								
1 to 49 tons		4 016	74	648	1 538	1 140	474	142
50 to 99 tons		45	-	9	19	5	-	12
100 tons or more		9	-	-	1	-	8	-
Farms with expenses of—								
$1 to $499		2 025	54	263	807	600	256	45
$500 to $999		859	-	196	335	204	84	40
$1,000 to $4,999		1 104	20	183	392	324	128	57
$5,000 or more		82	-	15	24	17	14	12
Seeds, bulbs, plants, and trees	farms	14 472	409	2 149	4 211	3 774	2 641	1 288
	$1,000	7 566	206	1 227	2 229	2 002	1 367	535
Farms with expenses of—								
$1 to $499		9 354	238	1 325	2 740	2 413	1 718	920
$500 to $999		2 933	105	408	790	789	590	251
$1,000 to $4,999		2 164	66	416	681	565	319	117
$5,000 or more		21	-	-	-	7	14	-
Commercial fertilizer	farms	15 107	427	2 074	4 251	4 141	2 816	1 398
	$1,000	15 185	419	2 392	4 482	4 087	2 716	1 090
Farms with expenses of—								
$1 to $499		6 664	174	772	1 826	1 804	1 351	737
$500 to $999		3 317	99	450	941	953	528	346
$1,000 to $4,999		4 942	154	824	1 413	1 336	905	310
$5,000 or more		184	-	28	71	48	32	5
Other agricultural chemicals	farms	11 871	351	1 807	3 244	3 280	2 162	1 027
	$1,000	7 087	225	1 104	2 023	1 828	1 322	586
Farms with expenses of—								
$1 to $499		7 404	201	1 092	1 979	2 105	1 352	675
$500 to $999		2 265	97	355	577	548	490	198
$1,000 to $4,999		2 159	53	360	682	623	304	137
$5,000 or more		43	-	-	6	4	16	17
Hired farm labor	farms	5 981	124	675	1 956	1 846	906	474
	$1,000	6 423	60	544	2 202	2 101	1 071	445
Farms with expenses of—								
$1 to $499		2 576	88	335	810	781	378	184
$500 to $2,499		1 211	20	175	404	309	179	124
$2,500 to $4,999		2 107	16	159	721	719	326	166
$5,000 or more		87	-	6	21	37	23	-
Workers by days worked:								
150 days or more	farms	785	1	48	293	239	176	28
	workers	1 102	(D)	(D)	394	392	209	42
Less than 150 days	farms	5 528	123	658	1 788	1 682	811	466
	workers	18 817	432	1 877	5 769	5 284	3 457	1 998
Contract labor	farms	850	6	117	204	257	186	80
	$1,000	904	3	140	193	175	312	82
Farms with expenses of—								
$1 to $499		342	1	31	89	148	40	33
$500 to $999		211	5	41	50	47	48	20
$1,000 to $4,999		268	-	39	58	62	88	21
$5,000 or more		29	-	6	7	-	10	6
Customwork, machine hire, and rental of machinery and equipment	farms	7 399	210	1 025	2 336	1 893	1 303	632
	$1,000	4 575	140	637	1 339	1 070	885	504
Farms with expenses of—								
$1 to $499		4 449	118	564	1 506	1 164	745	352
$500 to $999		1 503	45	245	429	337	299	148
$1,000 to $4,999		1 388	47	216	384	392	240	109
$5,000 or more		59	-	-	17	-	19	23

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.									
Energy and petroleum products	farms	38 112	13 318	421	1 149	1 492	1 578	3 774	4 904
	$1,000	37 309	16 977	417	1 370	1 994	2 470	5 186	5 540
Farms with expenses of—									
$1 to $499		14 694	3 511	146	256	402	340	909	1 458
$500 to $999		9 617	3 190	84	304	360	365	843	1 234
$1,000 to $4,999		13 551	6 447	190	587	708	812	1 975	2 175
$5,000 or more		250	170	1	2	22	61	47	37
Petroleum products	farms	38 051	13 313	421	1 144	1 492	1 578	3 774	4 904
	$1,000	29 183	13 299	373	1 084	1 480	1 914	4 136	4 313
Gasoline and gasohol	farms	34 876	12 351	321	1 047	1 363	1 423	3 503	4 694
	$1,000	18 034	8 157	177	667	778	1 073	2 560	2 901
Diesel fuel	farms	15 365	5 834	287	566	753	737	1 785	1 706
	$1,000	7 264	3 368	158	300	478	520	1 044	868
LP gas, butane, and propane	farms	1 734	697	36	75	81	138	186	181
	$1,000	694	335	5	23	45	100	103	59
Fuel oil and kerosene	farms	2 106	900	18	48	125	134	258	317
	$1,000	478	301	5	8	27	68	82	111
Natural gas	farms	492	263	4	24	40	20	84	91
	$1,000	182	98	(Z)	4	12	8	29	46
Motor oil and grease	farms	38 051	13 313	421	1 144	1 492	1 578	3 774	4 904
	$1,000	2 530	1 040	27	82	141	144	318	328
Electricity	farms	24 774	9 343	177	687	1 051	1 127	2 719	3 582
	$1,000	7 359	3 302	43	265	462	497	957	1 079
Other—coal, wood, coke, etc.	farms	2 406	1 112	7	82	168	167	279	409
	$1,000	767	376	2	21	52	59	93	148
Interest expense	farms	12 523	3 775	181	656	804	662	975	497
	$1,000	30 752	8 632	679	1 743	1 935	1 591	1 996	688
Farms with expenses of—									
$1 to $499		2 795	950	17	118	159	150	293	213
$500 to $999		2 060	543	12	59	118	78	184	92
$1,000 to $4,999		5 982	1 835	92	406	456	344	375	162
$5,000 or more		1 686	447	60	73	71	90	123	30
Farms reporting no interest expense (see text)		23 933	8 822	230	463	587	826	2 595	4 121
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	38 219	13 343	421	1 143	1 492	1 592	3 774	4 921
	$1,000	744 541	311 409	12 062	26 102	35 827	39 446	96 853	101 120
Farms by value group:									
$1 to $4,999		4 233	1 032	51	115	105	73	218	470
$5,000 to $9,999		12 129	3 257	98	261	432	335	749	1 382
$10,000 to $19,999		9 511	3 404	60	345	307	431	1 006	1 255
$20,000 to $49,999		8 957	3 949	145	279	454	505	1 215	1 351
$50,000 to $99,999		2 646	1 348	52	107	134	227	468	360
$100,000 to $199,999		644	341	7	35	60	19	118	102
$200,000 to $499,999		99	12	8	1	-	2	-	1
$500,000 or more		-	-	-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles	farms	23 973	9 583	251	726	963	1 207	2 834	3 602
	number	32 375	12 292	344	1 021	1 318	1 593	3 683	4 333
Motortrucks, including pickups	farms	30 369	11 103	360	1 007	1 293	1 314	3 227	3 902
	number	38 776	14 697	538	1 387	1 700	1 863	4 411	4 798
Wheel tractors	farms	34 209	12 092	335	934	1 275	1 439	3 585	4 524
	number	70 547	27 788	689	1 889	2 721	3 458	8 803	10 228
2 or 3	farms	18 569	7 269	167	441	716	910	2 138	2 897
	number	43 570	17 379	369	1 017	1 691	2 201	5 228	6 873
4 or more	ferms	3 323	1 620	46	105	145	218	611	495
	number	14 660	7 206	198	484	616	946	2 739	2 223
Grain and bean combines, self-propelled only	farms	8 056	3 493	92	275	312	436	1 224	1 154
	number	8 596	3 731	92	304	347	501	1 305	1 182
Corn heads for combines	farms	3 612	1 547	73	144	189	245	471	425
	number	3 915	1 707	85	161	195	274	516	476
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	10 387	4 094	59	393	490	553	1 243	1 356
	number	11 257	4 336	99	411	517	575	1 307	1 427
Pickup balers	farms	13 026	5 438	69	413	582	690	1 655	2 029
	number	13 666	5 769	69	490	616	730	1 746	2 118
Field forage harvesters, shear bar or flywheel	farms	3 456	1 655	17	175	152	249	515	547
	number	3 994	1 994	17	195	189	272	679	642
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	24 510	9 396	336	751	880	1 129	2 741	3 559
	acres on which used	977 998	443 128	15 826	35 314	39 148	68 469	141 010	143 361
Lime	farms	3 109	1 175	31	149	166	134	255	440
	acres on which used	51 768	20 694	796	3 236	3 455	2 596	4 325	6 286
	tons	105 509	42 443	1 319	6 615	5 701	6 233	9 088	13 487
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms	6 961	2 830	150	295	300	281	807	997
	acres on which used	186 813	92 191	6 261	8 781	9 294	11 526	28 652	27 677

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Energy and petroleum products	farms	24 794	599	3 351	7 187	6 770	4 516	2 371
	$1,000	20 332	353	2 582	6 076	5 677	3 747	1 897
Farms with expenses of—								
$1 to $499		11 183	326	1 685	3 121	2 900	2 003	1 148
$500 to $999		6 427	179	755	1 903	1 754	1 213	623
$1,000 to $4,999		7 104	94	910	2 134	2 106	1 271	589
$5,000 or more		80	-	1	29	10	29	11
Petroleum products	farms	24 738	599	3 351	7 166	6 770	4 501	2 351
	$1,000	15 884	304	2 046	4 713	4 375	2 931	1 515
Gasoline and gasohol	farms	22 525	498	3 034	6 522	6 214	4 059	2 198
	$1,000	9 877	163	1 244	2 925	2 729	1 814	1 003
Diesel fuel	farms	9 531	302	1 396	2 642	2 737	1 706	748
	$1,000	3 897	103	535	1 156	1 078	708	317
LP gas, butane, and propane	farms	1 037	13	161	315	273	175	100
	$1,000	359	4	40	111	75	103	25
Fuel oil and kerosene	farms	1 206	26	123	380	349	200	128
	$1,000	177	4	10	53	56	37	17
Natural gas	farms	229	-	31	68	61	42	27
	$1,000	84	-	14	25	30	7	9
Motor oil and grease	farms	24 738	599	3 351	7 166	6 770	4 501	2 351
	$1,000	1 490	29	204	443	408	262	144
Electricity	farms	15 431	259	1 920	4 550	4 403	2 875	1 424
	$1,000	4 057	40	484	1 238	1 200	751	344
Other—coal, wood, coke, etc.	farms	1 294	23	180	450	308	201	132
	$1,000	391	9	52	125	101	66	38
Interest expense	farms	8 748	255	1 622	3 136	2 409	1 036	290
	$1,000	22 120	616	3 733	9 027	5 924	2 435	385
Farms with expenses of—								
$1 to $499		1 845	46	330	636	467	251	115
$500 to $999		1 517	35	242	520	437	239	44
$1,000 to $4,999		4 147	139	837	1 465	1 149	440	117
$5,000 or more		1 239	35	213	515	356	106	14
Farms reporting no interest expense (see text)		15 111	332	1 670	3 864	4 106	3 317	1 822
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms	24 876	589	3 365	7 232	6 802	4 524	2 364
	$1,000	433 132	7 380	50 491	125 073	124 730	86 015	39 441
Farms by value group:								
$1 to $4,999		3 201	122	497	1 182	658	482	260
$5,000 to $9,999		8 872	230	1 293	2 453	2 396	1 515	985
$10,000 to $19,999		6 107	106	820	1 736	1 848	1 000	597
$20,000 to $49,999		5 008	117	637	1 345	1 374	1 185	350
$50,000 to $99,999		1 298	14	68	438	423	241	114
$100,000 to $199,999		303	-	37	36	80	97	53
$200,000 to $499,999		87	-	13	42	23	4	5
$500,000 or more		-	-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles	farms	14 390	252	1 695	3 926	4 162	2 867	1 488
	number	20 083	357	2 249	5 526	6 144	3 894	1 913
Motortrucks, including pickups	farms	19 266	469	2 744	5 681	5 263	3 542	1 567
	number	24 079	541	3 448	7 068	6 698	4 378	1 946
Wheel tractors	farms	22 117	486	2 813	6 349	6 273	4 107	2 089
	number	42 759	829	5 198	11 635	12 350	8 576	4 171
2 or 3	farms	11 300	245	1 261	2 997	3 404	2 317	1 076
	number	26 191	552	2 809	6 968	7 942	5 477	2 443
4 or more	farms	1 703	12	247	407	460	376	201
	number	7 454	48	1 084	1 722	1 999	1 685	916
Grain and bean combines, self-propelled only	farms	4 563	91	525	1 354	1 278	943	372
	number	4 865	97	556	1 397	1 336	1 046	433
Corn heads for combines	farms	2 065	60	221	693	574	381	136
	number	2 208	65	249	756	596	395	147
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	6 293	90	693	1 865	1 945	1 167	533
	number	6 921	90	700	1 926	2 442	1 193	570
Pickup balers	farms	7 588	88	712	2 199	2 379	1 502	708
	number	7 897	88	732	2 311	2 463	1 568	735
Field forage harvesters, shear bar or flywheel	farms	1 801	7	229	494	568	340	163
	number	2 000	7	243	556	632	363	199
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer	farms	15 114	427	2 074	4 251	4 141	2 823	1 398
	acres on which used	534 870	14 968	77 407	157 458	144 324	101 299	39 414
Lime	farms	1 934	30	322	557	509	355	161
	acres on which used	31 074	732	6 781	8 289	8 153	4 898	2 221
	tons	63 066	3 332	11 717	17 786	15 621	9 973	4 637
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms	4 131	123	532	1 124	1 177	760	415
	acres on which used	94 622	2 941	13 139	26 348	25 959	17 830	8 405

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
AGRICULTURAL CHEMICALS[1]—Con.								
Sprays, dusts, granules, fumigants, etc., to control—Con.								
Nematodes in crops ... farms	805	325	27	55	29	29	74	111
acres on which used	20 783	8 986	810	1 382	1 077	1 055	2 030	2 632
Diseases in crops and orchards ... farms	2 778	1 222	28	110	92	124	354	514
acres on which used	40 592	20 196	750	1 798	1 193	4 923	4 481	7 051
Weeds, grass, or brush in crops and pasture ... farms	15 183	5 873	284	600	570	631	1 828	1 960
acres on which used	591 985	255 863	12 860	26 799	23 938	33 139	88 004	71 123
Chemicals for defoliation, growth control of crops, or thinning of fruit ... farms	877	343	-	45	39	58	99	102
acres on which used	19 241	8 147	-	432	257	2 482	1 918	3 058
LIVESTOCK								
Cattle and calves inventory ... farms	15 480	5 362	111	469	709	769	1 393	1 911
number	257 152	115 731	2 175	9 856	15 685	19 100	32 102	36 813
Farms with—								
1 to 9	6 821	1 658	31	156	242	200	398	631
10 to 19	4 080	1 436	32	114	164	203	361	562
20 to 49	3 800	1 821	43	161	233	283	497	604
50 to 99	690	390	5	36	61	68	118	102
100 to 199	86	55	-	2	9	14	19	11
200 or more	3	2	-	-	-	1	-	1
Cows and heifers that had calved ... farms	10 539	3 931	56	313	511	592	1 043	1 416
number	98 108	46 220	716	3 451	6 000	7 721	13 423	14 909
Beef cows ... farms	8 798	2 926	32	196	339	441	772	1 146
number	81 599	33 646	390	2 138	3 547	5 702	9 730	12 339
Farms with—								
1 to 4	3 472	876	6	75	128	136	191	340
5 to 9	2 358	764	10	47	77	113	211	306
10 to 19	1 895	775	11	37	82	98	214	333
20 to 49	964	447	5	33	45	81	134	149
50 to 99	106	63	-	4	7	12	22	18
100 or more	3	1	-	-	-	1	-	-
Milk cows ... farms	2 462	1 300	28	140	212	208	330	382
number	16 509	12 374	326	1 313	2 453	2 019	3 693	2 570
Farms with—								
1 to 4	1 450	536	9	50	76	84	109	208
5 to 9	344	229	2	30	36	34	59	68
10 to 19	480	365	12	40	62	64	109	78
20 to 29	144	128	4	18	24	21	36	25
30 to 49	27	25	1	1	8	2	11	2
50 to 99	14	14	-	1	6	3	4	-
100 or more	3	3	-	-	-	-	2	1
Heifers and heifer calves ... farms	10 279	3 837	79	343	506	580	993	1 336
number	68 153	31 747	570	2 798	4 452	5 445	8 768	9 714
Steers, steer calves, bulls, and bull calves ... farms	13 252	4 565	95	384	605	669	1 187	1 625
number	90 891	37 764	889	3 607	5 233	5 934	9 911	12 190
Cattle and calves sold ... farms	12 791	4 814	98	407	588	698	1 274	1 749
number	107 945	47 564	792	3 709	5 812	7 477	12 830	16 944
$1,000	38 720	16 437	322	1 202	1 914	2 495	4 458	6 046
Calves ... farms	5 173	2 105	33	192	291	342	563	684
number	36 502	17 596	228	1 530	2 333	2 961	4 752	5 792
$1,000	6 504	3 018	43	243	391	516	808	1 017
Cattle ... farms	11 252	4 174	86	330	507	600	1 112	1 539
number	71 443	29 968	564	2 179	3 479	4 516	8 078	11 152
$1,000	32 215	13 419	280	959	1 523	1 979	3 650	5 028
Fattened on grain and concentrates ... farms	5 602	1 884	42	157	218	255	496	716
number	30 010	11 683	194	810	1 265	1 603	3 187	4 624
$1,000	15 621	6 086	128	411	655	848	1 639	2 406
Hogs and pigs inventory ... farms	4 418	1 444	44	220	289	242	318	331
number	113 313	46 371	2 641	8 191	10 244	7 618	9 513	8 164
Farms with—								
1 to 9	2 063	583	5	80	122	95	142	139
10 to 24	1 061	364	13	47	81	58	75	90
25 to 49	612	204	7	35	37	33	34	58
50 to 99	429	174	10	31	25	42	38	28
100 to 199	202	91	6	21	16	10	23	15
200 or more	51	28	3	6	8	4	6	1
Used or to be used for breeding ... farms	2 689	932	23	153	177	172	195	212
number	21 835	8 795	540	1 759	1 887	1 536	1 549	1 524
Other ... farms	3 987	1 307	44	210	253	218	288	294
number	91 478	37 576	2 101	6 432	8 357	6 082	7 964	6 640
Hogs and pigs sold ... farms	4 078	1 344	49	209	249	227	296	314
number	155 205	63 649	3 150	11 690	13 893	10 680	13 208	11 028
$1,000	12 842	5 017	252	932	902	877	1 081	973
Feeder pigs ... farms	1 397	467	13	86	108	81	89	90
number	77 914	33 661	1 519	6 488	9 504	5 096	6 427	4 627
$1,000	3 426	1 426	64	297	373	223	262	206
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... ferms	2 892	984	26	160	188	180	201	229
number	22 723	9 322	507	1 771	2 067	1 563	1 800	1 614
Dec. 1 and May 31 ... farms	2 248	762	20	122	154	145	155	166
number	10 922	4 472	238	780	980	822	888	764
June 1 and Nov. 30 ... farms	2 238	794	22	136	154	140	165	177
number	11 801	4 850	269	991	1 087	741	912	850

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
AGRICULTURAL CHEMICALS[1]—Con.							
Sprays, dusts, granules, fumigants, etc., to control—Con.							
Nematodes in crops ... farms	480	13	98	150	127	62	30
acres on which used	11 797	236	2 544	4 238	2 924	1 629	226
Diseases in crops and orchards ... farms	1 556	18	181	482	444	272	159
acres on which used	20 396	38	2 208	6 127	4 981	4 693	2 349
Weeds, grass, or brush in crops and pasture ... farms	9 310	305	1 531	2 641	2 520	1 593	720
acres on which used	336 122	11 098	60 591	101 507	83 393	55 941	23 592
Chemicals for defoliation, growth control of crops, or thinning of fruit ... farms	534	19	77	134	162	94	48
acres on which used	11 094	605	1 651	2 707	2 965	2 258	908
LIVESTOCK							
Cattle and calves inventory ... farms	10 118	149	1 392	3 131	2 825	1 863	758
number	141 421	1 791	16 310	39 101	42 300	30 658	11 261
Farms with—							
1 to 9	5 163	88	798	1 767	1 353	813	344
10 to 19	2 644	34	354	751	759	508	238
20 to 49	1 979	24	208	539	603	457	148
50 to 99	300	3	29	66	102	75	25
100 to 199	31	-	3	8	8	10	2
200 or more	1	-	-	-	-	-	1
Cows and heifers that had calved ... farms	6 608	72	808	1 973	1 903	1 323	529
number	51 888	401	4 974	13 482	16 113	12 328	4 590
Beef cows ... farms	5 872	65	691	1 733	1 726	1 197	460
number	47 753	318	4 359	12 399	15 051	11 496	4 130
Farms with—							
1 to 4	2 596	40	367	900	714	404	171
5 to 9	1 594	15	186	418	463	380	132
10 to 19	1 120	10	97	283	364	256	110
20 to 49	517	-	41	120	167	146	43
50 to 99	43	-	-	11	18	11	3
100 or more	2	-	-	1	-	-	1
Milk cows ... farms	1 162	11	176	400	288	185	102
number	4 135	83	615	1 083	1 062	832	460
Farms with—							
1 to 4	914	7	137	343	231	126	70
5 to 9	115	1	20	28	20	28	18
10 to 19	115	2	17	27	32	24	13
20 to 29	16	-	2	1	5	7	1
30 to 49	2	1	-	1	-	-	-
50 to 99	-	-	-	-	-	-	-
100 or more	-	-	-	-	-	-	-
Heifers and heifer calves ... farms	6 442	103	847	1 930	1 847	1 249	466
number	36 406	609	4 181	10 332	10 890	7 756	2 638
Steers, steer calves, bulls, and bull calves ... farms	8 687	115	1 147	2 692	2 454	1 628	651
number	53 127	781	7 155	15 297	15 287	10 574	4 033
Cattle and calves sold ... farms	7 977	119	1 056	2 370	2 237	1 545	650
number	60 381	922	7 301	16 454	17 695	12 518	5 491
$1,000	22 283	308	2 667	6 076	6 659	4 619	1 954
Calves ... farms	3 068	56	381	930	849	594	258
number	18 906	326	2 351	5 478	5 293	3 733	1 725
$1,000	3 487	57	397	1 001	990	711	330
Cattle ... farms	7 078	99	945	2 078	2 018	1 374	564
number	41 475	596	4 950	10 976	12 402	8 785	3 766
$1,000	18 797	251	2 270	5 075	5 669	3 907	1 624
Fattened on grain and concentrates ... farms	3 718	44	533	1 213	1 030	678	220
number	18 327	197	2 369	5 442	5 480	3 589	1 250
$1,000	9 535	100	1 249	2 870	2 896	1 810	610
Hogs and pigs inventory ... farms	2 974	63	615	1 073	732	364	127
number	66 942	1 793	15 474	25 449	14 983	6 710	2 533
Farms with—							
1 to 9	1 480	23	284	557	366	185	65
10 to 24	697	20	147	231	177	87	35
25 to 49	408	8	92	132	104	59	13
50 to 99	255	7	62	92	62	24	8
100 to 199	111	5	24	48	20	9	5
200 or more	23	-	6	13	3	-	1
Used or to be used for breeding ... farms	1 757	37	365	627	426	230	72
number	13 040	313	2 760	4 973	3 098	1 474	422
Other ... farms	2 680	60	570	964	646	327	113
number	53 902	1 480	12 714	20 476	11 885	5 236	2 111
Hogs and pigs sold ... farms	2 734	66	576	999	648	334	111
number	91 556	2 795	19 086	35 012	20 458	10 340	3 865
$1,000	7 825	234	1 606	2 833	1 839	969	343
Feeder pigs ... farms	930	20	205	376	188	111	30
number	44 253	1 485	9 367	18 705	8 828	4 175	1 693
$1,000	2 001	71	419	848	391	194	78
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ... farms	1 908	41	394	687	460	245	81
number	13 401	429	2 765	5 345	2 953	1 438	471
Dec. 1 and May 31 ... farms	1 486	35	310	540	353	186	62
number	6 450	213	1 260	2 591	1 419	717	250
June 1 and Nov. 30 ... farms	1 444	25	317	513	352	181	56
number	6 951	216	1 505	2 754	1 534	721	221

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.									
Sheep and lambs of all ages inventory	farms	1 823	568	10	61	97	75	128	197
	number	67 059	27 942	264	2 240	4 083	4 866	7 439	9 050
Ewes 1 year old or older	farms	1 598	513	7	52	83	69	114	188
	number	43 202	17 460	188	1 339	2 547	3 314	4 272	5 800
Sheep and lambs sold	farms	1 642	538	10	52	79	74	125	198
	number	43 190	17 313	439	1 195	2 403	3 003	4 727	5 546
Sheep and lambs shorn	farms	1 564	519	9	51	78	74	116	191
	number	56 538	23 368	253	1 657	3 199	4 337	6 424	7 498
	pounds of wool	441 328	183 911	1 569	11 097	23 122	34 270	52 757	61 096
Horses and ponies inventory	farms	7 766	1 887	41	237	428	336	391	454
	number	42 897	12 666	224	1 517	3 186	2 529	2 617	2 593
Horses and ponies sold	farms	2 059	525	10	89	141	91	95	99
	number	5 686	1 890	37	448	417	309	352	327
	$1,000	5 123	1 560	26	195	505	275	323	236
Goats inventory	farms	1 102	265	9	46	76	52	32	50
	number	8 832	3 205	58	433	573	1 034	660	447
Goats sold	farms	458	125	5	29	39	22	9	21
	number	3 234	1 062	55	214	335	243	85	130
	$1,000	125	38	1	10	15	5	3	5
POULTRY									
Chickens 3 months old or older inventory	farms	4 636	1 453	21	153	258	193	337	491
	number	191 457	82 238	6 884	5 448	9 168	10 107	19 925	30 706
Farms with—									
1 to 99		4 254	1 260	14	144	235	168	293	406
100 to 399		346	173	5	8	23	21	41	75
400 to 1,599		31	15	-	1	-	4	1	9
1,600 to 3,199		5	5	2	-	-	-	2	1
3,200 to 9,999		-	-	-	-	-	-	-	-
10,000 to 19,999		-	-	-	-	-	-	-	-
20,000 or more		-	-	-	-	-	-	-	-
Hens and pullets of laying age	farms	4 586	1 439	21	149	255	192	335	487
	number	174 583	75 675	(D)	(D)	8 440	8 886	18 433	28 180
Pullets 3 months old or older not of laying age	farms	569	185	2	26	42	22	46	47
	number	16 874	6 563	(D)	(D)	728	1 221	1 492	2 526
Chickens 3 months old or older sold	farms	622	237	4	24	37	32	52	88
	number	71 527	26 664	4 074	1 281	1 842	5 636	4 779	9 052
Broilers and other meat-type chickens sold	farms	516	130	4	14	30	22	22	38
	number	59 377	14 252	180	721	2 338	1 675	3 027	6 311
Farms with—									
1 to 1,999		515	130	4	14	30	22	22	38
2,000 to 3,999		-	-	-	-	-	-	-	-
4,000 to 7,999		-	-	-	-	-	-	-	-
8,000 or more		1	-	-	-	-	-	-	-
Turkey hens kept for breeding	farms	224	61	3	12	15	11	8	12
	number	788	210	7	49	54	27	29	44
Turkeys sold	farms	210	47	1	12	14	6	4	10
	number	7 396	2 298	(D)	(D)	198	131	67	545
CROPS HARVESTED									
Corn for grain or seed	farms	15 598	6 031	248	559	662	748	1 577	2 237
	acres	368 106	160 700	8 478	17 699	17 748	21 362	41 896	53 517
	bushels	29 257 771	12 829 358	694 816	1 401 020	1 380 773	1 664 576	3 389 142	4 299 031
Irrigated	farms	78	32	5	3	7	4	4	9
	acres	2 131	857	133	131	175	93	162	163
Farms by acres harvested:									
1 to 24 acres		10 134	3 589	124	293	390	432	931	1 419
25 to 49 acres		3 737	1 582	71	140	169	187	436	579
50 to 99 acres		1 519	753	45	107	92	115	180	214
100 acres or more		208	107	8	19	11	14	30	25
Corn for silage or green chop	farms	2 733	1 338	52	148	193	223	351	371
	acres	36 737	20 172	876	2 159	3 222	3 750	5 367	4 798
	tons, green	398 668	208 282	7 506	20 686	34 226	41 680	53 900	50 284
Irrigated	farms	6	3	-	-	1	2	-	-
	acres	64	40	-	-	(D)	(D)	-	-
Farms by acres harvested:									
1 to 24 acres		2 354	1 116	41	129	150	179	291	326
25 to 49 acres		307	173	9	11	34	31	49	39
50 to 99 acres		59	39	-	7	7	11	10	4
100 acres or more		13	10	2	1	2	2	1	2
Wheat for grain	farms	7 015	3 248	69	200	266	351	898	1 464
	acres	117 461	56 629	1 289	3 712	4 882	6 054	15 631	25 061
	bushels	4 105 764	1 996 145	43 607	126 628	174 960	217 749	543 553	889 648
Irrigated	farms	17	5	-	1	1	-	-	3
	acres	300	86	-	(D)	(D)	-	-	(D)
Farms by acres harvested:									
1 to 24 acres		5 690	2 574	55	147	206	271	720	1 175
25 to 49 acres		1 099	558	10	43	45	72	151	237
50 to 99 acres		201	106	4	9	15	8	22	48
100 acres or more		25	10	-	1	-	-	5	4
Oats for grain	farms	8 567	3 894	96	290	408	496	1 080	1 524
	acres	128 817	64 056	1 980	5 063	6 498	8 434	18 382	23 699
	bushels	6 909 655	3 502 693	116 979	280 869	339 605	445 850	1 019 637	1 299 753
Irrigated	farms	29	14	-	1	4	-	1	8
	acres	(D)	(D)	-	(D)	(D)	-	(D)	74

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Sheep and lambs of all ages inventory	farms	1 255	17	167	471	307	198	95
	number	39 117	470	4 807	13 363	9 552	7 717	3 208
Ewes 1 year old or older	farms	1 085	14	143	405	264	172	87
	number	25 742	310	3 139	8 980	6 251	4 863	2 199
Sheep and lambs sold	farms	1 104	15	142	411	272	178	86
	number	25 877	240	3 593	8 710	5 820	5 301	2 213
Sheep and lambs shorn	farms	1 045	13	133	394	250	170	85
	number	33 170	381	3 972	11 379	8 117	6 691	2 630
	pounds of wool	257 417	2 947	30 849	84 497	62 803	54 184	22 137
Horses and ponies inventory	farms	5 879	53	824	2 198	1 646	856	302
	number	30 231	240	4 014	10 400	8 863	4 894	1 820
Horses and ponies sold	farms	1 534	13	233	578	430	217	63
	number	3 796	43	503	1 407	1 032	638	173
	$1,000	3 563	30	473	1 320	1 052	549	138
Goats inventory	farms	837	9	156	362	199	87	24
	number	5 627	29	834	2 311	1 589	686	178
Goats sold	farms	333	8	71	152	74	18	10
	number	2 172	27	488	921	456	206	74
	$1,000	87	(Z)	25	34	17	9	2
POULTRY								
Chickens 3 months old or older inventory	farms	3 183	29	526	1 150	820	470	188
	number	109 219	628	17 307	35 666	31 074	16 869	7 675
Farms with—								
1 to 99		2 994	29	493	1 095	764	438	175
100 to 399		173	-	31	52	48	31	11
400 to 1,599		16	-	2	3	8	1	2
1,600 to 3,199		-	-	-	-	-	-	-
3,200 to 9,999		-	-	-	-	-	-	-
10,000 to 19,999		-	-	-	-	-	-	-
20,000 or more		-	-	-	-	-	-	-
Hens and pullets of laying age	farms	3 147	29	518	1 136	813	464	187
	number	98 908	573	15 451	32 584	27 650	15 626	7 024
Pullets 3 months old or older not of laying age	farms	384	5	67	142	101	51	18
	number	10 311	55	1 856	3 082	3 424	1 243	651
Chickens 3 months old or older sold	farms	385	2	81	141	85	59	17
	number	44 863	(D)	(D)	9 688	13 652	15 727	1 603
Broilers and other meat-type chickens sold	farms	386	7	99	153	81	39	7
	number	45 125	439	8 224	12 584	8 237	14 863	778
Farms with—								
1 to 1,999		385	7	99	153	81	38	7
2,000 to 3,999		-	-	-	-	-	-	-
4,000 to 7,999		-	-	-	-	-	-	-
8,000 or more		1	-	-	-	-	1	-
Turkey hens kept for breeding	farms	163	2	33	70	44	7	7
	number	578	(D)	(D)	194	249	27	18
Turkeys sold	farms	163	1	41	62	43	13	3
	number	5 098	(D)	(D)	2 301	1 083	224	167
CROPS HARVESTED								
Corn for grain or seed	farms	9 567	255	1 542	2 674	2 542	1 792	762
	acres	207 406	6 561	35 901	56 346	54 751	38 654	15 193
	bushels	16 428 413	536 241	2 865 679	4 413 487	4 354 919	3 060 108	1 197 979
Irrigated	farms	46	-	5	15	16	4	6
	acres	1 274	-	124	602	379	79	90
Farms by acres harvested:								
1 to 24 acres		6 545	146	987	1 876	1 754	1 235	547
25 to 49 acres		2 155	83	381	562	563	404	162
50 to 99 acres		766	21	156	207	203	133	46
100 acres or more		101	5	18	29	22	20	7
Corn for silage or green chop	farms	1 395	25	214	391	374	282	109
	acres	16 565	262	2 210	4 502	4 993	3 273	1 325
	tons, green	190 386	2 725	24 706	51 696	59 373	35 862	16 024
Irrigated	farms	3	-	-	1	-	2	-
	acres	24	-	-	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres		1 238	22	198	349	321	253	95
25 to 49 acres		134	3	14	35	45	25	12
50 to 99 acres		20	-	2	6	7	4	1
100 acres or more		3	-	-	1	1	-	1
Wheat for grain	farms	3 767	99	459	869	1 028	921	391
	acres	60 832	1 669	6 907	13 790	17 214	15 365	5 887
	bushels	2 109 619	56 149	236 474	482 252	598 328	533 979	202 437
Irrigated	farms	12	-	-	5	3	2	2
	acres	214	-	-	76	76	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		3 116	82	393	722	840	741	338
25 to 49 acres		541	12	56	121	153	155	44
50 to 99 acres		95	5	9	18	30	24	9
100 acres or more		15	-	1	8	5	1	-
Oats for grain	farms	4 673	103	668	1 300	1 253	919	430
	acres	64 761	1 698	9 633	17 776	17 633	12 652	5 369
	bushels	3 406 962	103 134	501 193	895 857	980 151	649 943	276 684
Irrigated	farms	15	1	2	1	6	3	2
	acres	181	(D)	(D)	(D)	63	26	(D)

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.									
Soybeans for beans	farms	7 675	2 976	150	258	260	345	815	1 148
	acres	244 624	104 023	5 563	9 140	10 138	13 335	30 293	35 554
	bushels	6 322 167	2 678 246	153 358	228 855	257 921	338 172	765 642	934 298
Irrigated	farms	40	10	2	1	2	1	2	2
	acres	984	402	(D)	(D)	(D)	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres		3 784	1 322	54	114	104	143	354	553
25 to 49 acres		2 403	969	57	80	80	108	259	385
50 to 99 acres		1 258	560	36	52	59	78	157	178
100 acres or more		230	125	3	12	17	16	45	32
Dry edible beans, excluding dry limas	farms	2 165	1 111	72	105	105	146	301	382
	acres	64 560	36 576	2 398	3 796	3 694	5 287	10 385	11 016
	cwt	817 818	448 435	30 841	40 718	43 272	63 780	125 418	144 406
Irrigated	farms	16	5	-	2	-	1	1	1
	acres	327	151	-	(D)	-	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres		1 122	505	28	43	50	65	129	190
25 to 49 acres		695	395	32	32	37	53	104	137
50 to 99 acres		295	175	11	27	10	18	59	50
100 acres or more		53	36	1	3	8	10	9	5
Irish potatoes	farms	340	179	3	13	13	28	42	80
	acres	752	476	25	69	14	118	62	187
	cwt	106 561	60 770	3 914	9 280	2 615	15 660	8 998	20 303
Irrigated	farms	33	11	-	3	1	1	4	2
	acres	60	31	-	2	(D)	(D)	5	(D)
Farms by acres harvested:									
0.1 to 4.9 acres		304	159	1	9	13	25	38	73
5.0 to 14.9 acres		28	14	1	3	-	2	4	4
15.0 to 24.9 acres		4	2	1	-	-	-	-	1
25.0 acres or more		4	4	-	1	-	1	-	2
Sugar beets for sugar	farms	168	85	15	11	5	14	25	15
	acres	2 344	1 268	209	165	115	207	393	179
	tons	41 401	21 862	3 657	2 128	2 075	3 814	6 963	3 225
Irrigated	farms	1	-	-	-	-	-	-	-
	acres	(D)	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	18 102	6 536	102	460	783	882	1 716	2 593
	acres	458 351	203 132	3 741	14 299	24 872	32 808	54 564	72 848
	tons, dry	884 690	395 669	7 402	31 544	50 246	61 354	107 482	137 641
Irrigated	farms	49	20	1	4	5	2	4	4
	acres	548	201	(D)	40	77	(D)	29	20
Farms by acres harvested:									
1 to 24 acres		11 825	3 620	60	257	447	453	913	1 490
25 to 49 acres		3 946	1 733	26	113	200	204	473	717
50 to 99 acres		1 815	893	8	71	88	159	246	321
100 acres or more		516	290	8	19	48	66	84	65
Alfalfa hay	farms	14 791	5 368	79	368	664	709	1 426	2 122
	acres	334 390	147 006	2 168	10 047	17 643	22 692	39 883	54 573
	tons, dry	704 031	312 411	4 819	23 605	39 454	46 677	86 179	111 677
Irrigated	farms	40	15	1	2	4	2	4	2
	acres	464	155	(D)	(D)	71	(D)	29	(D)
Vegetables harvested for sale (see text)	farms	2 036	751	32	67	103	85	187	277
	acres	13 808	6 175	313	643	964	674	1 437	2 145
Irrigated	farms	282	112	9	20	17	4	29	33
	acres	1 194	555	46	112	71	44	135	148
Farms by acres harvested:									
0.1 to 4.9 acres		1 150	384	15	26	49	45	98	151
5.0 to 14.9 acres		628	251	11	24	35	27	60	94
15.0 to 24.9 acres		163	61	4	11	8	9	14	15
25.0 acres or more		95	55	2	6	11	4	15	17
Land in orchards	farms	2 706	1 044	16	76	118	116	277	441
	acres	27 667	14 530	617	1 192	2 002	2 048	4 214	4 458
Irrigated	farms	165	69	-	12	14	7	23	13
	acres	1 434	733	-	139	113	92	306	84
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 203	359	1	19	45	37	84	173
5.0 to 14.9 acres		905	343	2	21	32	32	84	172
15.0 to 24.9 acres		297	148	4	17	11	18	44	54
25.0 acres or more		301	194	9	19	30	29	65	42
Apples	farms	1 652	602	9	48	79	71	155	240
Bearing and nonbearing	acres	10 007	4 619	398	450	635	654	1 227	1 254
	pounds	36 549 629	20 573 093	942 000	2 588 631	2 409 260	3 264 332	5 060 334	6 308 536
Cherries	farms	1 064	446	6	43	52	53	123	169
Bearing and nonbearing	acres	9 911	5 896	28	554	976	863	1 831	1 644
	pounds	20 474 155	12 879 139	720	1 221 741	1 842 716	1 879 854	3 781 336	4 152 772
Grapes (see text)	farms	963	373	8	19	38	33	107	168
Bearing and nonbearing	acres	4 661	2 330	139	90	194	218	711	978
Fresh weight	pounds	26 131 830	14 087 606	739 408	313 647	664 537	1 166 905	5 038 733	6 164 376

See footnotes at end of table.

Table 47. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.								
Soybeans for beans	farms	4 699	157	732	1 245	1 240	960	365
	acres	140 601	4 603	22 292	37 709	38 046	28 521	9 430
	bushels	3 643 921	128 957	577 171	984 496	972 314	734 806	246 177
Irrigated	farms	30	1	3	11	9	5	1
	acres	582	(D)	(D)	242	101	127	(D)
Farms by acres harvested:								
1 to 24 acres		2 462	80	376	655	624	511	216
25 to 49 acres		1 434	60	220	375	389	285	105
50 to 99 acres		698	14	114	183	198	150	39
100 acres or more		105	3	22	32	29	14	5
Dry edible beans, excluding dry limas	farms	1 054	34	179	250	268	213	110
	acres	27 984	955	4 885	6 702	7 388	5 440	2 614
	cwt	369 383	10 639	58 097	88 831	99 462	75 207	37 147
Irrigated	farms	11	-	-	3	3	3	2
	acres	176	-	-	33	122	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		617	23	105	141	151	128	69
25 to 49 acres		300	7	46	78	77	61	31
50 to 99 acres		120	3	25	26	36	21	9
100 acres or more		17	1	3	5	4	3	1
Irish potatoes	farms	161	1	14	36	44	35	31
	acres	277	(D)	(D)	81	95	30	36
	cwt	45 791	(D)	(D)	14 107	17 960	4 974	4 877
Irrigated	farms	22	-	3	5	8	4	2
	acres	29	-	1	12	12	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		145	1	12	30	39	34	29
5.0 to 14.9 acres		14	-	1	6	4	1	2
15.0 to 24.9 acres		2	-	1	-	1	-	-
25.0 acres or more		-	-	-	-	-	-	-
Sugar beets for sugar	farms	83	8	24	18	21	7	5
	acres	1 076	111	281	253	267	96	68
	tons	19 539	2 126	5 037	4 825	4 765	1 966	820
Irrigated	farms	1	-	-	-	1	-	-
	acres	(D)	-	-	-	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	11 566	128	1 316	3 376	3 268	2 363	1 115
	acres	255 219	2 252	26 433	70 315	73 071	56 311	26 837
	tons, dry	489 021	3 964	49 731	141 959	139 698	106 556	47 113
Irrigated	farms	29	-	1	9	5	11	3
	acres	347	-	(D)	(D)	156	81	26
Farms by acres harvested:								
1 to 24 acres		8 205	101	1 003	2 488	2 313	1 576	724
25 to 49 acres		2 213	22	200	569	643	507	272
50 to 99 acres		922	5	83	263	245	228	98
100 acres or more		226	-	30	56	67	52	21
Alfalfa hay	farms	9 423	100	1 042	2 773	2 662	1 962	884
	acres	187 384	1 539	18 546	51 813	53 677	42 626	19 183
	tons, dry	391 620	2 933	38 654	113 691	113 040	86 669	36 633
Irrigated	farms	25	-	1	8	4	9	3
	acres	309	-	(D)	(D)	128	75	24
Vegetables harvested for sale (see text)	farms	1 285	18	163	416	334	258	96
	acres	7 633	88	976	2 361	2 044	1 661	504
Irrigated	farms	170	-	25	58	45	35	7
	acres	639	-	124	169	154	180	12
Farms by acres harvested:								
0.1 to 4.9 acres		766	10	99	257	194	147	59
5.0 to 14.9 acres		377	8	47	115	103	74	30
15.0 to 24.9 acres		102	-	9	30	30	26	7
25.0 acres or more		40	-	8	14	7	11	-
Land in orchards	farms	1 662	13	197	415	490	374	173
	acres	13 137	197	1 301	2 821	4 165	3 173	1 480
Irrigated	farms	96	2	15	23	26	25	5
	acres	701	(D)	(D)	103	232	161	41
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		844	4	111	240	242	171	76
5.0 to 14.9 acres		562	3	59	119	170	141	70
15.0 to 24.9 acres		149	2	18	34	43	38	14
25.0 acres or more		107	4	9	22	35	24	13
Apples	farms	1 050	7	141	284	305	227	86
Bearing and nonbearing	acres	5 388	72	558	1 291	1 705	1 285	477
	pounds	15 976 536	363 776	1 628 744	3 476 621	4 662 108	4 538 554	1 306 733
Cherries	farms	618	5	88	149	176	138	62
Bearing and nonbearing	acres	4 015	106	411	683	1 262	1 014	539
	pounds	7 595 016	231 642	1 165 507	928 514	2 134 726	1 907 072	1 227 555
Grapes (see text)	farms	590	4	60	155	172	132	67
Bearing and nonbearing	acres	2 331	17	190	463	741	540	381
Fresh weight	pounds	12 044 224	78 000	832 680	2 190 906	3 900 899	2 976 182	2 065 557

[1]Data are based on a sample of farms.

Table 48. Summary by Size of Farm: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS							
Farms	number	58 642	2 714	14 297	4 387	7 711	6 396
	percent	100.0	4.6	24.4	7.5	13.1	10.9
Land in farms	acres	10 925 443	11 720	406 000	256 093	629 390	746 867
Average size of farm	acres	186	4	28	58	82	117
Value of land and buildings[1]	farms	58 642	2 769	13 724	4 494	8 049	6 276
	$1,000	13 366 236	138 084	985 723	405 691	837 046	885 585
Average per farm	dollars	227 929	49 868	71 825	90 274	103 994	141 107
Average per acre	dollars	1 223	11 589	2 535	1 544	1 276	1 211
Farms by value of land and buildings:							
$1 to $39,999		6 936	1 488	3 925	547	598	268
$40,000 to $69,999		10 009	604	4 514	1 445	1 875	722
$70,000 to $99,999		8 962	287	2 641	988	2 516	1 209
$100,000 to $149,999		8 794	250	1 628	900	1 650	1 767
$150,000 to $199,999		5 822	44	471	373	760	1 005
$200,000 to $499,999		12 045	87	487	232	595	1 250
$500,000 to $999,999		4 087	9	49	6	47	43
$1,000,000 to $1,999,999		1 471	-	6	3	7	11
$2,000,000 or more		516	-	3	-	1	1
Owned and rented land by operator:							
Land owned	farms	55 059	2 466	13 361	4 061	7 251	6 030
	acres	7 776 383	35 523	451 455	251 288	587 530	648 318
Land rented or leased from others	farms	23 198	392	2 894	1 316	1 937	2 265
	acres	3 553 697	2 683	59 232	49 044	96 923	145 798
Rented or leased land in farms	farms	23 105	377	2 870	1 310	1 926	2 257
	acres	3 535 482	1 486	56 281	48 056	95 111	144 381
Land rented or leased to others	farms	6 861	511	2 408	887	906	711
	acres	404 637	26 486	104 687	44 239	55 063	47 249
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	56 302	1 654	13 411	4 274	7 595	6 331
	acres	8 449 182	6 142	276 893	177 458	447 209	539 724
Harvested cropland	farms	53 720	1 372	12 019	4 049	7 340	6 169
	acres	7 249 972	4 452	201 844	133 330	340 958	424 872
Farms by acres harvested:							
1 to 49 acres		24 106	1 372	12 019	3 127	3 831	1 839
50 to 99 acres		10 560	-	-	922	3 509	2 933
100 to 199 acres		8 685	-	-	-	-	1 397
200 to 499 acres		7 471	-	-	-	-	-
500 to 999 acres		2 267	-	-	-	-	-
1,000 to 1,999 acres		541	-	-	-	-	-
2,000 acres or more		90	-	-	-	-	-
Cropland:							
Pasture or grazing only	farms	18 405	319	3 986	1 255	2 486	2 169
	acres	564 614	1 177	39 564	18 863	48 367	52 150
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 469	23	751	364	718	678
	acres	132 565	45	5 570	4 089	9 510	10 959
On which all crops failed	farms	2 802	21	467	184	341	368
	acres	55 721	37	3 297	2 101	4 272	6 170
In cultivated summer fallow	farms	5 098	11	540	355	774	707
	acres	113 526	20	4 258	4 087	10 305	11 548
Idle	farms	12 856	148	2 354	1 009	1 925	1 607
	acres	332 784	411	22 360	14 988	33 797	34 025
Total woodland	farms	31 623	151	4 947	2 325	4 561	4 060
	acres	1 428 189	429	49 806	38 454	97 807	118 333
Woodland pastured	farms	7 405	45	1 107	494	1 051	860
	acres	268 652	139	9 607	6 608	17 344	19 784
Woodland not pastured	farms	27 484	113	4 148	1 984	3 854	3 564
	acres	1 159 537	290	40 199	31 846	80 463	98 549
Pastureland and rangeland other than cropland and woodland pastured	farms	6 938	149	1 444	516	888	779
	acres	250 388	479	14 239	7 792	16 683	18 230
Land in house lots, ponds, roads, wasteland, etc.	farms	44 170	2 008	10 677	3 307	5 927	4 865
	acres	797 684	4 670	65 062	32 389	67 691	70 580
Pastureland, all types	farms	25 360	497	5 684	1 811	3 458	2 952
	acres	1 083 654	1 795	63 410	33 263	82 394	90 164
Irrigated land	farms	3 172	290	677	176	240	216
	acres	285 784	592	4 811	2 808	5 463	5 830
Harvested cropland irrigated	farms	3 143	286	666	175	238	210
	acres	283 848	577	4 727	2 788	5 351	5 587
Pasture and other land irrigated	farms	93	8	24	4	9	13
	acres	1 936	15	84	20	112	243
Land set aside in federal farm programs in 1982	farms	4 488	2	143	135	375	447
	acres	85 139	(D)	(D)	695	1 958	3 190
TENURE AND RACE OF OPERATOR							
All operators		58 642	2 714	14 297	4 387	7 711	6 396
Full owners		35 478	2 326	11 409	3 074	5 778	4 135
Part owners		19 518	137	1 921	981	1 468	1 885
Tenants		3 646	251	967	332	465	376
White		58 337	2 695	14 160	4 365	7 678	6 370
Full owners		35 263	2 313	11 295	3 062	5 753	4 120
Part owners		19 453	134	1 908	972	1 461	1 877
Tenants		3 621	248	957	331	464	373
Black and other races		305	19	137	22	33	26
Full owners		215	13	114	12	25	15
Part owners		65	3	13	9	7	8
Tenants		25	3	10	1	1	3

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARMS AND LAND IN FARMS								
Farms	number	4 838	3 507	2 671	7 357	3 672	918	174
	percent	8.3	6.0	4.6	12.5	6.3	1.6	.3
Land in farms	acres	762 308	691 870	633 813	2 603 877	2 466 606	1 187 839	529 060
Average size of farm	acres	158	197	237	354	672	1 294	3 041
Value of land and buildings[1]	farms	5 008	3 513	2 732	7 441	3 544	918	174
	$1,000	914 901	786 886	720 641	2 786 382	2 770 240	1 478 045	657 012
Average per farm	dollars	182 688	223 993	263 778	374 463	781 670	1 610 071	3 775 931
Average per acre	dollars	1 155	1 133	1 111	1 066	1 147	1 244	1 242
Farms by value of land and buildings:								
$1 to $39,999		73	18	-	19	-	-	-
$40,000 to $69,999		513	145	75	116	-	-	-
$70,000 to $99,999		647	241	161	255	17	-	-
$100,000 to $149,999		1 023	712	361	452	49	2	-
$150,000 to $199,999		1 200	795	403	713	56	2	-
$200,000 to $499,999		1 443	1 402	1 568	4 107	828	45	1
$500,000 to $999,999		88	174	153	1 619	1 721	174	4
$1,000,000 to $1,999,999		7	18	4	149	795	447	24
$2,000,000 or more		14	8	7	11	78	248	145
Owned and rented land by operator:								
Land owned	farms	4 523	3 259	2 515	7 009	3 528	889	167
	acres	621 311	525 465	467 117	1 739 349	1 461 759	681 559	305 709
Land rented or leased from others	farms	2 029	1 791	1 519	5 139	2 999	769	148
	acres	169 727	188 828	179 318	902 369	1 018 171	515 640	225 964
Rented or leased land in farms	farms	2 023	1 787	1 512	5 131	2 997	768	147
	acres	168 273	187 732	177 699	899 731	1 016 314	514 654	225 764
Land rented or leased to others	farms	424	295	166	378	125	42	8
	acres	28 730	22 423	12 622	37 841	13 324	9 360	2 613
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	4 802	3 489	2 661	7 330	3 665	917	173
	acres	552 081	512 710	478 865	2 031 666	2 008 647	986 033	431 754
Harvested cropland	farms	4 710	3 430	2 623	7 281	3 641	913	173
	acres	437 686	420 051	399 227	1 759 774	1 821 398	911 077	395 303
Farms by acres harvested:								
1 to 49 acres		943	407	232	279	54	2	1
50 to 99 acres		1 510	733	376	528	39	10	-
100 to 199 acres		2 257	2 104	1 225	1 542	144	16	-
200 to 499 acres		-	186	790	4 932	1 503	57	3
500 to 999 acres		-	-	-	-	1 901	354	12
1,000 to 1,999 acres		-	-	-	-	-	474	67
2,000 acres or more		-	-	-	-	-	-	90
Cropland:								
Pasture or grazing only	farms	1 754	1 357	1 018	2 641	1 155	222	43
	acres	54 020	48 291	41 189	137 775	86 427	29 561	7 230
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	599	410	322	905	525	137	37
	acres	11 861	8 947	7 679	29 743	24 612	9 958	9 592
On which all crops failed	farms	285	228	173	478	211	39	7
	acres	5 070	4 279	3 509	14 034	9 787	2 761	404
In cultivated summer fallow	farms	631	409	297	833	416	104	21
	acres	12 021	8 786	7 165	25 190	17 152	9 345	3 649
Idle	farms	1 277	817	680	1 768	923	289	59
	acres	31 423	22 356	20 096	65 150	49 271	23 331	15 576
Total woodland	farms	3 290	2 332	1 804	5 037	2 424	579	113
	acres	126 777	108 005	94 634	352 082	275 580	116 171	50 111
Woodland pastured	farms	785	557	463	1 324	569	125	25
	acres	22 461	18 514	20 480	72 395	45 898	17 972	17 450
Woodland not pastured	farms	2 892	2 057	1 582	4 473	2 194	521	102
	acres	104 316	89 491	74 154	279 687	229 682	98 199	32 661
Pastureland and rangeland other than cropland and woodland pastured	farms	644	436	365	997	550	138	32
	acres	19 308	15 472	13 396	48 463	46 084	28 249	21 993
Land in house lots, ponds, roads, wasteland, etc.	farms	3 639	2 665	1 988	5 526	2 771	664	133
	acres	64 142	55 683	46 918	171 666	136 295	57 386	25 202
Pastureland, all types	farms	2 314	1 722	1 333	3 549	1 618	350	72
	acres	95 789	82 277	75 065	258 633	178 409	75 782	46 673
Irrigated land	farms	189	176	120	426	433	177	52
	acres	8 392	10 182	8 241	40 725	85 333	61 310	52 097
Harvested cropland irrigated	farms	188	176	120	423	433	176	52
	acres	8 197	(D)	(D)	40 546	84 681	61 024	(D)
Pasture and other land irrigated	farms	8	3	1	9	9	4	1
	acres	195	(D)	(D)	179	652	286	(D)
Land set aside in federal farm programs in 1982	farms	475	382	325	1 064	815	255	70
	acres	4 009	3 760	4 053	17 386	24 258	14 283	10 963
TENURE AND RACE OF OPERATOR								
All operators		4 838	3 507	2 671	7 357	3 672	918	174
Full owners		2 811	1 718	1 156	2 223	673	149	26
Part owners		1 711	1 540	1 358	4 782	2 855	739	141
Tenants		316	249	157	352	144	30	7
White		4 815	3 495	2 663	7 338	3 666	918	174
Full owners		2 797	1 711	1 151	2 213	673	149	26
Part owners		1 706	1 536	1 356	4 774	2 849	739	141
Tenants		312	248	156	351	144	30	7
Black and other races		23	12	8	19	6	-	-
Full owners		14	7	5	10	-	-	-
Part owners		5	4	2	8	6	-	-
Tenants		4	1	1	1	-	-	-

See footnotes at end of table.

Table 48. Summary by Size of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	47 552	1 965	11 143	3 389	8 225	5 210
Not on farm operated	6 642	446	2 001	873	968	728
Not reported	4 448	303	1 153	325	518	458
Operators by principal occupation:						
Farming	30 093	831	3 771	1 511	3 194	3 272
Other	28 549	1 883	10 526	2 876	4 517	3 124
Operators by days of work off farm:						
None	21 336	672	2 970	1 106	2 325	2 206
Any	33 575	1 905	10 711	3 077	4 918	3 760
1 to 99 days	5 017	166	947	335	564	549
100 to 199 days	5 380	269	1 439	420	815	645
200 days or more	23 178	1 470	8 325	2 322	3 539	2 566
Not reported	3 731	137	616	204	468	430
Operators by years on present farm:						
2 years or less	2 895	312	1 062	274	380	281
3 or 4 years	4 758	455	1 777	411	604	435
5 to 9 years	9 189	555	3 122	768	1 128	850
10 years or more	31 640	824	5 717	2 208	4 297	3 763
Average years on present farm	18.5	11.1	13.5	16.5	19.0	20.5
Not reported	10 160	568	2 619	726	1 302	1 067
Operators by age group:						
Under 25 years	1 630	134	416	145	200	177
25 to 34 years	7 871	580	2 168	536	845	744
35 to 44 years	13 272	735	3 928	1 011	1 551	1 161
45 to 54 years	13 417	514	3 135	1 001	1 703	1 425
55 to 64 years	13 352	413	2 610	922	1 812	1 575
65 years and over	9 100	338	2 040	772	1 600	1 314
Average age	49.5	45.4	47.9	49.8	51.5	51.6
Operators by sex:						
Male	56 175	2 493	13 398	4 183	7 380	6 144
Female	2 467	221	899	204	331	252
Operators of Spanish origin	116	8	45	12	14	10
FARMS BY TYPE OF ORGANIZATION						
Individual or family—farms	52 022	2 406	13 434	4 055	7 199	5 893
Individual or family—acres	8 462 560	10 482	382 024	238 585	587 192	688 283
Partnership—farms	5 495	215	682	281	452	437
Partnership—acres	1 899 339	855	19 453	16 506	37 251	50 718
Corporation:						
Family held—farms	851	70	111	25	37	44
Family held—acres	481 652	297	2 600	1 491	3 090	5 237
More than 10 stockholders—farms	28	3	-	-	1	1
10 or less stockholders—farms	823	67	111	25	36	43
Other than family held—farms	96	12	19	3	9	6
Other than family held—acres	37 647	46	491	183	733	662
More than 10 stockholders—farms	7	1	1	-	-	1
10 or less stockholders—farms	89	11	18	3	9	5
Other—cooperative, estate or trust, institutional, etc.—farms	178	11	51	23	14	16
Other—cooperative, estate or trust, institutional, etc.—acres	44 245	40	1 432	1 328	1 124	1 967
FARMS BY SIZE						
1 to 9 acres	2 714	2 714	-	-	-	-
10 to 49 acres	14 297	-	14 297	-	-	-
50 to 69 acres	4 387	-	-	4 387	-	-
70 to 99 acres	7 711	-	-	-	7 711	-
100 to 139 acres	6 396	-	-	-	-	6 396
140 to 179 acres	4 838	-	-	-	-	-
180 to 219 acres	3 507	-	-	-	-	-
220 to 259 acres	2 671	-	-	-	-	-
260 to 499 acres	7 357	-	-	-	-	-
500 to 999 acres	3 672	-	-	-	-	-
1,000 to 1,999 acres	918	-	-	-	-	-
2,000 acres or more	174	-	-	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	22 114	168	4 224	1 797	3 401	2 873
Field crops, except cash grains (013)	4 323	40	1 227	405	781	550
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4 323	40	1 227	405	781	550
Vegetables and melons (016)	1 908	165	826	166	188	145
Fruits and tree nuts (017)	3 583	271	1 345	352	415	356
Horticultural specialties (018)	1 105	385	403	59	76	48
General farms, primarily crop (019)	2 214	24	724	186	344	259
Livestock, except dairy, poultry, and animal specialties (021)	13 173	929	3 804	1 068	1 918	1 456
Beef cattle, except feedlots (0212)	5 184	295	1 365	449	826	604
Dairy farms (024)	6 572	107	137	98	325	499
Poultry and eggs (025)	594	105	235	53	43	45
Animal specialties (027)	2 327	496	1 250	176	162	99
General farms, primarily livestock (029)	729	24	122	27	58	66

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 993 acres	1,000 to 1,999 acres	2,000 acres or more
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 025	2 921	2 280	6 340	3 167	752	135
Not on farm operated	477	351	219	509	196	55	19
Not reported	336	235	172	508	309	111	20
Operators by principal occupation:							
Farming	2 870	2 301	1 954	6 012	3 349	865	163
Other	1 968	1 206	717	1 345	323	53	11
Operators by days of work off farm:							
None	1 907	1 525	1 328	4 139	2 394	634	130
Any	2 583	1 725	1 144	2 605	931	190	26
1 to 99 days	434	326	265	855	460	107	9
100 to 199 days	506	322	268	511	161	22	2
200 days or more	1 643	1 077	611	1 239	310	61	15
Not reported	348	257	199	613	347	94	18
Operators by years on present farm:							
2 years or less	171	131	70	145	55	14	-
3 or 4 years	284	191	135	325	123	14	4
5 to 9 years	704	444	292	899	336	74	17
10 years or more	2 835	2 156	1 758	4 817	2 509	641	115
Averaga years on present farm	21.5	21.8	22.1	22.0	22.3	22.5	24.7
Not reported	844	585	416	1 171	649	175	38
Operators by age group:							
Under 25 years	125	101	66	191	67	7	1
25 to 34 years	620	429	319	1 071	438	105	16
35 to 44 years	864	714	514	1 534	966	247	47
45 to 54 years	979	745	663	1 853	1 077	265	57
55 to 64 years	1 303	931	728	1 903	878	238	39
65 years and over	947	587	381	805	246	56	14
Average age	51.5	50.6	50.4	48.7	47.8	48.3	49.2
Operators by sex:							
Male	4 675	3 377	2 600	7 212	3 631	910	172
Female	163	130	71	145	41	8	2
Operators of Spanish origin	5	8	5	5	2	1	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family—farms	4 361	3 152	2 322	6 061	2 547	515	77
Individual or family—acres	686 957	621 544	551 088	2 128 330	1 690 208	660 952	218 915
Partnership—farms	411	309	299	1 129	935	295	50
Partnership—acres	65 013	61 272	70 806	413 781	644 843	379 200	139 641
Corporation:							
Family held—farms	44	33	35	136	176	99	41
Family held—acres	6 950	6 380	8 331	50 813	122 256	135 078	139 129
More than 10 stockholders—farms	-	-	2	-	9	9	3
10 or less stockholders—farms	44	33	33	136	167	90	38
Other than family held—farms	3	7	9	14	7	3	4
Other than family held—acres	476	1 400	2 102	4 755	4 722	(D)	(D)
More than 10 stockholders—farms	-	-	-	3	-	1	-
10 or less stockholders—farms	3	7	9	11	7	2	4
Other—cooperative, estate or trust, institutional, etc.—farms	19	6	6	17	7	6	2
Other—cooperative, estate or trust, institutional, etc.—acres	2 912	1 274	1 486	6 198	4 577	(D)	(D)
FARMS BY SIZE							
1 to 9 acres	-	-	-	-	-	-	-
10 to 49 acres	-	-	-	-	-	-	-
50 to 69 acres	-	-	-	-	-	-	-
70 to 99 acres	-	-	-	-	-	-	-
100 to 139 acres	-	-	-	-	-	-	-
140 to 179 acres	4 838	-	-	-	-	-	-
180 to 219 acres	-	3 507	-	-	-	-	-
220 to 259 acres	-	-	2 671	-	-	-	-
260 to 499 acres	-	-	-	7 357	-	-	-
500 to 999 acres	-	-	-	-	3 672	-	-
1,000 to 1,999 acres	-	-	-	-	-	918	-
2,000 acres or more	-	-	-	-	-	-	174
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	2 075	1 470	1 097	2 870	1 559	486	94
Field crops, except cash grains (013)	376	216	139	356	178	48	7
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	376	216	139	356	178	48	7
Vegetables and melons (016)	83	85	46	110	74	17	3
Fruits and tree nuts (017)	243	168	98	228	79	24	4
Horticultural specialties (018)	36	27	14	27	25	3	2
General farms, primarily crop (019)	207	111	78	161	83	33	4
Livestock, except dairy, poultry, and animal specialties (021)	1 024	705	524	1 146	440	123	36
Beef cattle, except feedlots (0212)	471	306	231	457	143	31	6
Dairy farms (024)	653	635	599	2 236	1 119	145	19
Poultry and eggs (025)	24	7	11	41	23	6	1
Animal specialties (027)	43	28	24	33	10	6	-
General farms, primarily livestock (029)	74	55	41	149	82	27	4

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	58 642	2 714	14 297	4 387	7 711	6 396
	$1,000	2 585 201	52 887	141 941	43 155	100 128	118 188
Farms by value of sales:							
Less than $2,500		13 718	1 387	7 136	1 328	1 742	956
$2,500 to $4,999		7 751	490	3 229	943	1 361	748
$5,000 to $9,999		8 741	290	2 220	1 135	2 035	1 334
$10,000 to $19,999		8 043	179	898	617	1 599	1 768
$20,000 to $39,999		6 536	105	405	206	580	976
$40,000 to $99,999		7 233	125	242	116	295	469
$100,000 to $249,999		4 706	94	98	31	82	124
$250,000 to $499,999		1 434	33	38	9	9	17
$500,000 or more		480	11	31	2	8	4
Grains	farms	33 997	214	5 366	2 409	4 658	4 180
	$1,000	795 053	271	14 842	11 265	29 536	37 922
Sales of $40,000 or more	farms	5 012	-	-	-	2	6
	$1,000	524 359	-	-	-	(D)	(D)
Corn for grain	farms	23 664	128	3 068	1 522	2 939	2 835
	$1,000	438 592	153	7 232	5 702	13 270	17 447
Wheat	farms	14 980	20	1 050	695	1 684	1 882
	$1,000	64 951	20	1 328	986	2 957	3 974
Soybeans	farms	14 788	61	1 962	966	1 940	1 834
	$1,000	174 318	75	4 416	3 214	8 397	10 322
Sorghum for grain	farms	18	-	1	-	1	1
	$1,000	64	-	(D)	-	(D)	(D)
Oats	farms	8 994	15	736	518	1 182	1 185
	$1,000	20 227	10	(D)	462	(D)	(D)
Other grains	farms	6 720	14	499	266	724	746
	$1,000	96 900	13	1 292	902	3 544	4 482
Cotton and cottonseed	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 525	61	2 104	859	1 757	1 547
	$1,000	47 623	47	3 442	1 723	4 630	4 719
Sales of $40,000 or more	farms	114	-	-	-	-	1
	$1,000	8 418	-	-	-	-	(D)
Vegetables, sweet corn, and melons	farms	3 625	255	1 209	286	370	325
	$1,000	115 464	665	8 798	4 728	6 980	7 744
Sales of $40,000 or more	farms	558	-	32	34	51	53
	$1,000	92 346	-	2 289	2 867	4 625	5 581
Fruits, nuts, and berries	farms	4 367	285	1 461	419	532	440
	$1,000	162 090	672	11 597	6 067	11 704	14 667
Sales of $40,000 or more	farms	967	-	41	40	99	122
	$1,000	133 368	-	2 398	2 653	7 131	10 881
Nursery and greenhouse products	farms	1 368	405	485	86	119	72
	$1,000	139 682	22 866	43 270	3 643	4 480	3 464
Sales of $40,000 or more	farms	444	134	147	18	29	22
	$1,000	131 486	20 874	40 487	2 987	3 534	2 847
Other crops	farms	2 012	25	167	74	143	158
	$1,000	104 367	48	836	387	1 066	2 125
Sales of $40,000 or more	farms	672	-	3	-	1	9
	$1,000	86 779	-	220	-	(D)	504
Poultry and poultry products	farms	3 097	278	1 037	247	402	273
	$1,000	101 258	10 991	20 629	2 400	7 286	4 806
Sales of $40,000 or more	farms	267	39	49	11	21	26
	$1,000	(D)	10 556	19 938	(D)	7 015	4 557
Dairy products	farms	7 584	121	190	121	399	584
	$1,000	611 698	3 852	3 202	2 424	8 843	18 343
Sales of $40,000 or more	farms	4 738	27	26	16	58	171
	$1,000	558 808	2 735	1 705	1 166	3 981	10 978
Cattle and calves	farms	22 841	656	3 409	1 292	2 694	2 539
	$1,000	294 808	4 479	12 373	5 182	13 948	12 075
Sales of $40,000 or more	farms	889	17	16	8	16	21
	$1,000	171 059	2 519	4 141	1 410	4 710	1 700
Hogs and pigs	farms	7 190	415	1 620	456	876	805
	$1,000	182 584	5 275	11 075	3 308	9 666	10 779
Sales of $40,000 or more	farms	1 012	29	45	18	59	59
	$1,000	(D)	3 454	5 278	(D)	4 801	5 921
Sheep, lambs, and wool	farms	2 308	135	604	174	310	246
	$1,000	5 207	243	566	212	470	437
Sales of $40,000 or more	farms	13	1	-	-	-	-
	$1,000	1 197	(D)	-	-	-	-
Other livestock and livestock products (see text)	farms	3 692	525	1 552	303	384	267
	$1,000	25 366	3 477	11 311	1 815	1 518	1 106
Sales of $40,000 or more	farms	96	15	32	8	5	5
	$1,000	14 767	1 546	6 792	1 005	584	428
FARM-RELATED INCOME AND DIRECT SALES							
Income from machine work, customwork, and other agricultural services	farms	4 371	66	408	182	329	386
	$1,000	12 300	263	491	197	420	590
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	6 907	584	2 355	592	848	666
	$1,000	30 266	956	5 451	2 419	3 878	3 442

See footnotes at end of table.

Table 48. Summary by Size of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	4 838	3 507	2 671	7 357	3 672	918	174
	$1,000	125 335	129 204	124 307	591 350	650 840	320 951	186 915
Farms by value of sales:								
Less than $2,500		529	230	139	228	41	2	-
$2,500 to $4,999		425	207	123	192	30	3	-
$5,000 to $9,999		725	390	228	324	55	5	-
$10,000 to $19,999		1 216	730	396	554	73	12	1
$20,000 to $39,999		1 129	988	707	1 258	168	14	-
$40,000 to $99,999		644	727	822	2 894	846	49	4
$100,000 to $249,999		148	214	230	1 659	1 725	294	7
$250,000 to $499,999		18	16	22	216	612	395	49
$500,000 or more		4	5	4	32	122	144	113
Grains	farms	3 298	2 422	1 900	5 540	3 039	814	157
	$1,000	38 987	38 087	36 974	168 113	214 264	139 777	65 013
Sales of $40,000 or more	farms	42	121	226	1 706	2 044	723	142
	$1,000	1 909	5 848	11 334	104 179	197 475	138 439	64 776
Corn for grain	farms	2 333	1 753	1 388	4 295	2 541	723	139
	$1,000	18 454	17 930	18 444	87 602	121 283	84 206	46 869
Wheat	farms	1 561	1 228	993	3 184	2 008	570	105
	$1,000	3 926	3 731	3 234	14 476	17 246	9 374	3 699
Soybeans	farms	1 413	1 072	863	2 551	1 561	470	95
	$1,000	9 985	10 068	9 146	38 340	44 555	26 757	9 043
Sorghum for grain	farms	1	1	4	3	6	-	-
	$1,000	(D)	(D)	20	1	21	-	-
Oats	farms	1 063	767	591	1 779	918	217	23
	$1,000	(D)	(D)	1 215	5 042	4 299	2 021	415
Other grains	farms	672	517	436	1 496	978	323	49
	$1,000	4 959	4 875	4 913	22 654	26 860	17 418	4 988
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	1 210	832	621	1 555	778	167	34
	$1,000	4 350	3 313	2 677	10 063	8 378	3 102	1 180
Sales of $40,000 or more	farms	3	4	4	29	42	23	8
	$1,000	(D)	213	261	1 739	3 317	1 708	1 011
Vegetables, sweet corn, and melons	farms	211	199	124	332	227	72	15
	$1,000	4 959	5 862	5 175	20 660	27 283	17 126	5 484
Sales of $40,000 or more	farms	28	39	30	111	122	50	8
	$1,000	3 038	4 170	3 864	17 876	25 865	16 798	5 373
Fruits, nuts, and berries	farms	314	220	145	349	152	40	10
	$1,000	15 369	13 610	8 941	34 591	22 599	14 702	7 570
Sales of $40,000 or more	farms	136	118	68	208	96	32	7
	$1,000	13 068	12 263	8 007	32 836	21 967	14 606	7 558
Nursery and greenhouse products	farms	53	35	23	41	38	7	4
	$1,000	3 652	6 523	1 695	13 890	15 177	1 641	19 381
Sales of $40,000 or more	farms	18	19	9	18	25	3	2
	$1,000	3 263	6 281	1 552	13 631	15 075	(D)	(D)
Other crops	farms	145	135	129	445	398	163	30
	$1,000	2 647	3 234	3 199	19 698	35 311	24 594	11 223
Sales of $40,000 or more	farms	18	16	17	156	283	141	28
	$1,000	1 221	1 509	1 437	13 922	32 720	23 984	(D)
Poultry and poultry products	farms	230	131	96	249	124	23	7
	$1,000	2 845	2 124	1 264	14 310	19 584	5 833	9 185
Sales of $40,000 or more	farms	16	7	10	42	33	10	3
	$1,000	2 631	1 895	1 177	13 864	19 334	5 761	9 175
Dairy products	farms	755	718	670	2 487	1 284	224	31
	$1,000	27 861	33 858	39 839	210 005	195 825	50 987	16 657
Sales of $40,000 or more	farms	285	352	433	1 947	1 179	217	27
	$1,000	18 961	26 222	34 786	197 374	193 459	50 829	16 612
Cattle and calves	farms	2 267	1 781	1 418	4 211	2 052	430	92
	$1,000	14 107	12 028	11 830	56 795	66 759	44 913	40 319
Sales of $40,000 or more	farms	40	27	41	205	273	162	63
	$1,000	3 291	1 904	3 030	23 397	44 530	40 630	39 797
Hogs and pigs	farms	594	401	375	956	537	124	31
	$1,000	8 607	9 366	11 352	40 458	44 043	17 768	10 887
Sales of $40,000 or more	farms	59	67	77	268	235	75	21
	$1,000	5 081	6 866	8 555	33 566	40 593	17 225	10 735
Sheep, lambs, and wool	farms	201	132	87	270	124	19	6
	$1,000	437	312	140	957	1 193	(D)	(D)
Sales of $40,000 or more	farms	2	-	-	2	6	2	-
	$1,000	(D)	-	-	(D)	703	(D)	-
Other livestock and livestock products (see text)	farms	190	103	61	196	85	24	2
	$1,000	1 514	886	1 220	1 810	424	(D)	(D)
Sales of $40,000 or more	farms	6	6	6	9	1	3	-
	$1,000	1 083	630	1 080	(D)	(D)	180	-
FARM-RELATED INCOME AND DIRECT SALES								
Income from machine work, customwork, and other agricultural services	farms	401	306	287	1 030	749	194	33
	$1,000	703	551	641	2 656	3 793	1 373	622
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	515	314	211	524	230	57	11
	$1,000	2 863	2 296	1 088	4 915	2 305	623	30

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
COMMODITY CREDIT CORPORATION LOANS							
Amount received	farms	3 791	7	68	60	187	273
	$1,000	136 699	87	255	241	975	1 826
Feed grains	farms	3 085	-	36	43	144	198
	$1,000	114 468	-	109	197	839	1 402
Wheat	farms	505	-	13	11	26	36
	$1,000	3 166	-	2	5	22	31
Cotton	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	925	7	22	11	24	60
	$1,000	19 065	87	144	39	114	393
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	16 843	951	4 300	1 101	2 103	1 456
	$1,000	169 533	4 546	10 942	2 739	8 194	6 252
Farms with expenses of—							
$1 to $4,999		13 092	817	4 000	956	1 845	1 143
$5,000 to $19,999		2 291	88	222	130	191	245
$20,000 to $49,999		850	20	43	10	53	57
$50,000 or more		610	26	35	5	14	11
Feed for livestock and poultry	farms	27 172	1 359	6 181	1 780	3 250	2 433
	$1,000	254 266	12 478	23 855	5 125	13 674	11 078
Farms with expenses of—							
$1 to $4,999		19 647	1 139	5 796	1 630	2 901	1 968
$5,000 to $19,999		4 797	104	261	111	255	355
$20,000 to $79,999		2 301	80	89	33	77	95
$80,000 or more		427	36	35	6	17	15
Commercially mixed formula feeds	farms	14 427	607	2 565	746	1 345	1 143
	tons	860 366	63 995	98 100	14 504	48 150	45 252
	$1,000	153 346	9 741	15 412	2 692	7 903	6 573
Farms by tons purchased:							
1 to 99 tons		13 046	501	2 494	728	1 277	1 055
100 to 499 tons		1 133	65	45	13	57	56
500 tons or more		248	41	26	5	11	32
Farms with expenses of—							
$1 to $4,999		9 696	465	2 423	686	1 158	915
$5,000 to $19,999		3 275	36	79	42	133	163
$20,000 to $49,999		978	53	25	12	30	36
$50,000 or more		478	53	38	6	24	29
Seeds, bulbs, plants, and trees	farms	41 833	573	6 828	3 067	5 836	4 776
	$1,000	105 102	1 555	5 574	2 053	3 787	4 750
Farms with expenses of—							
$1 to $999		22 667	461	6 356	2 622	4 667	2 968
$1,000 to $4,999		14 185	60	407	403	1 135	1 760
$5,000 to $9,999		3 205	24	23	38	30	37
$10,000 or more		1 776	28	42	4	4	11
Commercial fertilizer	farms	42 990	799	7 503	3 330	5 818	4 986
	$1,000	241 914	181	4 046	3 138	7 306	10 406
Farms with expenses of—							
$1 to $999		16 702	775	6 357	2 105	3 037	1 622
$1,000 to $4,999		14 922	24	1 139	1 214	2 731	2 982
$5,000 to $19,999		8 465	-	5	11	50	381
$20,000 or more		2 901	-	2	-	-	1
Other agricultural chemicals	farms	37 489	796	6 261	2 709	4 715	4 188
	$1,000	114 084	185	3 146	2 027	4 560	5 778
Farms with expenses of—							
$1 to $999		19 590	773	5 641	2 136	3 357	2 487
$1,000 to $4,999		12 206	20	537	501	1 221	1 488
$5,000 to $19,999		4 730	3	82	71	132	205
$20,000 or more		963	-	1	1	5	8
Hired farm labor	farms	21 550	857	3 407	1 216	2 101	1 874
	$1,000	185 819	5 674	15 527	3 254	5 742	6 749
Farms with expenses of—							
$1 to $4,999		15 616	723	3 082	1 070	1 890	1 610
$5,000 to $19,999		3 986	65	222	121	157	200
$20,000 to $49,999		1 305	35	51	18	47	47
$50,000 or more		643	34	52	7	7	17
Workers by days worked:							
150 days or more	farms	7 434	280	643	159	336	352
	workers	20 204	726	1 707	307	719	660
Less than 150 days	farms	18 695	772	3 096	1 170	1 973	1 741
	workers	109 743	3 165	14 553	7 716	10 058	9 486
Contract labor	farms	2 510	160	541	134	313	175
	$1,000	14 445	506	876	338	632	741
Farms with expenses of—							
$1 to $999		1 084	92	300	74	199	76
$1,000 to $4,999		908	42	229	46	85	57
$5,000 to $19,999		369	22	5	12	27	35
$20,000 or more		149	4	7	2	2	7
Customwork, machine hire, and rental of machinery and equipment	farms	20 666	534	3 668	1 716	2 894	2 314
	$1,000	30 383	214	1 871	1 220	2 351	2 722
Farms with expenses of—							
$1 to $999		13 152	476	3 185	1 345	2 110	1 432
$1,000 to $4,999		6 232	56	474	342	749	813
$5,000 to $19,999		1 184	2	7	29	34	69
$20,000 or more		98	-	2	-	1	-

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
COMMODITY CREDIT CORPORATION LOANS								
Amount received	farms	297	225	258	1 039	937	360	80
	$1,000	2 610	2 645	3 965	21 121	42 631	35 194	25 150
Feed grains	farms	221	183	202	871	806	304	77
	$1,000	1 991	2 151	3 200	17 565	35 913	29 448	21 652
Wheat	farms	37	29	28	126	119	60	20
	$1,000	58	81	53	346	763	823	982
Cotton	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	75	54	62	231	240	114	25
	$1,000	561	413	711	3 210	5 955	4 923	2 516
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	1 474	862	685	2 307	1 223	305	76
	$1,000	6 757	5 296	4 622	29 243	39 887	26 780	24 276
Farms with expenses of—								
$1 to $4,999		1 119	593	539	1 472	522	78	8
$5,000 to $19,999		287	194	84	453	327	86	4
$20,000 to $49,999		53	70	40	227	200	61	16
$50,000 or more		15	5	22	155	174	100	48
Feed for livestock and poultry	farms	2 253	1 715	1 333	4 248	2 091	434	95
	$1,000	12 595	11 056	11 795	56 715	59 052	19 924	16 918
Farms with expenses of—								
$1 to $4,999		1 724	1 163	765	1 850	603	92	16
$5,000 to $19,999		414	433	419	1 822	691	121	11
$20,000 to $79,999		105	107	135	706	683	166	25
$80,000 or more		10	12	14	70	114	55	43
Commercially mixed formula feeds	farms	1 177	998	869	3 056	1 545	307	69
	tons	38 634	32 995	36 321	169 816	196 709	49 849	66 041
	$1,000	6 961	5 927	6 816	33 426	36 477	10 363	11 053
Farms by tons purchased:								
1 to 99 tons		1 118	955	803	2 763	1 147	178	27
100 to 499 tons		52	34	59	262	355	111	24
500 tons or more		7	9	7	31	43	18	18
Farms with expenses of—								
$1 to $4,999		894	743	529	1 414	407	54	8
$5,000 to $19,999		223	210	279	1 294	688	114	14
$20,000 to $49,999		23	33	47	270	335	96	18
$50,000 or more		37	12	14	78	115	43	29
Seeds, bulbs, plants, and trees	farms	4 096	3 030	2 363	6 808	3 394	891	171
	$1,000	5 897	6 324	5 180	22 945	24 585	13 211	9 242
Farms with expenses of—								
$1 to $999		2 010	1 309	753	1 250	235	30	6
$1,000 to $4,999		1 979	1 543	1 450	4 144	1 169	121	14
$5,000 to $9,999		77	132	128	1 192	1 305	206	13
$10,000 or more		30	46	32	222	685	534	138
Commercial fertilizer	farms	4 077	3 001	2 364	6 691	3 354	896	171
	$1,000	11 453	10 577	11 772	57 895	67 249	39 701	18 190
Farms with expenses of—								
$1 to $999		1 061	677	386	595	78	9	-
$1,000 to $4,999		2 299	1 499	929	1 738	320	43	4
$5,000 to $19,999		704	821	1 021	3 866	1 473	125	8
$20,000 or more		13	4	28	492	1 483	719	159
Other agricultural chemicals	farms	3 598	2 663	2 150	6 239	3 164	839	167
	$1,000	6 322	5 808	5 348	26 344	28 624	17 357	8 585
Farms with expenses of—								
$1 to $999		1 750	1 156	737	1 308	222	21	2
$1,000 to $4,999		1 594	1 259	1 209	3 271	1 007	94	5
$5,000 to $19,999		233	234	184	1 500	1 658	400	28
$20,000 or more		21	14	20	160	277	324	132
Hired farm labor	farms	1 868	1 608	1 178	4 088	2 467	729	157
	$1,000	7 735	8 641	7 316	38 738	45 200	23 484	17 759
Farms with expenses of—								
$1 to $4,999		1 594	1 270	826	2 471	934	139	7
$5,000 to $19,999		200	267	291	1 241	908	281	33
$20,000 to $49,999		46	45	44	279	456	193	44
$50,000 or more		28	26	17	97	169	116	73
Workers by days worked:								
150 days or more	farms	430	513	465	1 959	1 573	575	149
	workers	855	1 087	875	4 649	4 667	2 181	1 771
Less than 150 days	farms	1 704	1 408	972	3 319	1 884	537	119
	workers	7 794	7 970	5 131	20 701	14 710	6 401	2 056
Contract labor	farms	218	173	135	305	235	99	22
	$1,000	893	793	745	3 085	3 086	2 377	373
Farms with expenses of—								
$1 to $999		82	88	34	82	50	7	-
$1,000 to $4,999		92	45	60	125	95	26	6
$5,000 to $19,999		35	28	32	56	57	50	10
$20,000 or more		9	12	9	42	33	16	6
Customwork, machine hire, and rental of machinery and equipment	farms	1 994	1 421	1 126	3 051	1 479	388	81
	$1,000	2 493	2 024	1 679	6 642	5 769	2 271	1 127
Farms with expenses of—								
$1 to $999		1 196	763	667	1 366	521	86	5
$1,000 to $4,999		741	590	368	1 341	573	156	29
$5,000 to $19,999		56	67	89	330	351	121	29
$20,000 or more		1	1	2	14	34	25	18

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
SELECTED FARM PRODUCTION EXPENSES[1]—Con.						
Energy and petroleum products ---- farms	58 417	2 723	13 604	4 482	8 034	6 275
$1,000	228 394	5 811	14 360	5 164	11 256	12 167
Farms with expenses of—						
$1 to $999	24 855	2 050	11 041	2 834	4 061	2 108
$1,000 to $4,999	21 632	491	2 401	1 566	3 787	3 805
$5,000 to $19,999	10 049	107	101	69	166	354
$20,000 or more	1 881	75	61	13	20	8
Petroleum products ---- farms	58 356	2 697	13 583	4 482	8 020	6 275
$1,000	181 191	4 555	11 168	3 997	8 695	9 547
Gasoline and gasohol ---- farms	53 774	2 490	12 480	4 055	7 310	5 820
$1,000	70 655	1 741	5 185	2 453	5 280	5 291
Diesel fuel ---- farms	32 761	600	3 915	1 651	3 990	3 709
$1,000	70 934	329	1 280	715	2 154	2 898
LP gas, butane, and propane ---- farms	7 807	193	550	210	646	476
$1,000	16 046	142	414	105	343	333
Fuel oil and kerosene ---- farms	4 420	210	780	272	436	474
$1,000	2 857	132	286	98	148	136
Natural gas ---- farms	1 814	225	217	73	105	132
$1,000	10 333	2 045	3 299	302	139	194
Motor oil and grease ---- farms	58 356	2 697	13 583	4 482	8 020	6 275
$1,000	10 366	165	704	323	631	696
Electricity ---- farms	42 581	1 634	7 960	2 983	5 606	4 661
$1,000	45 667	1 225	2 955	1 055	2 398	2 461
Other—coal, wood, coke, etc. ---- farms	3 720	143	758	307	495	405
$1,000	1 536	31	237	112	163	160
Interest expense ---- farms	27 193	723	4 041	1 666	3 036	2 709
$1,000	273 637	2 319	10 559	3 911	10 269	11 355
Farms with expenses of—						
$1 to $999	6 547	300	1 604	741	1 008	774
$1,000 to $4,999	9 752	345	1 944	695	1 406	1 192
$5,000 to $9,999	4 093	35	362	179	411	467
$10,000 or more	6 801	43	131	51	211	276
Farms reporting no interest expense (see text)	28 694	1 868	9 128	2 595	4 573	3 263
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ---- farms	58 530	2 732	13 682	4 487	8 035	6 264
$1,000	2 674 025	37 249	198 290	91 809	186 345	194 933
Farms by value group:						
$1 to $4,999	4 383	552	2 236	418	625	225
$5,000 to $9,999	12 499	1 207	5 837	1 303	1 899	874
$10,000 to $19,999	10 999	504	2 931	1 197	2 304	1 655
$20,000 to $49,999	14 187	350	2 048	1 222	2 228	2 294
$50,000 to $99,999	8 350	83	453	256	778	904
$100,000 to $199,999	5 653	23	141	68	149	289
$200,000 to $499,999	2 278	13	34	23	51	23
$500,000 or more	181	-	2	-	1	-
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ---- farms	41 140	1 428	7 465	2 836	5 556	4 541
number	58 638	1 971	10 313	3 746	7 416	6 043
Motortrucks, including pickups ---- farms	49 532	2 026	10 479	3 622	6 548	5 340
number	80 281	2 679	13 202	4 568	8 716	7 485
Wheel tractors ---- farms	53 610	1 835	11 828	4 131	7 541	5 889
number	146 541	3 085	19 905	8 610	17 063	15 381
2 or 3 ---- farms	26 620	568	5 062	2 359	4 705	3 611
number	64 556	1 291	11 344	5 484	11 051	8 739
4 or more ---- farms	13 344	144	489	371	902	1 206
number	68 339	671	2 284	1 725	4 078	5 570
Grain and bean combines, self-propelled only ---- farms	19 289	196	1 179	910	1 995	2 054
number	21 053	202	1 268	931	2 114	2 207
Corn heads for combines ---- farms	12 359	47	528	408	766	1 043
number	13 576	55	563	447	826	1 139
Cottonpickers and strippers ---- farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Mower conditioners ---- farms	19 522	276	2 473	1 081	2 297	1 972
number	21 047	322	2 636	1 508	2 416	2 076
Pickup balers ---- farms	23 277	252	2 670	1 459	3 090	2 563
number	25 041	270	2 766	1 490	3 207	2 699
Field forage harvesters, shear bar or flywheel ---- farms	9 970	49	647	348	772	817
number	11 798	52	739	389	911	969
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ---- farms	43 010	813	7 503	3 330	5 818	4 986
acres on which used	5 968 479	2 902	117 710	100 426	248 051	325 433
Lime ---- farms	6 749	141	713	409	818	677
acres on which used	252 250	574	7 673	6 446	15 437	15 076
tons	506 093	1 057	14 296	11 952	32 943	30 157
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ---- farms	15 585	535	2 740	943	1 598	1 545
acres on which used	1 810 103	1 472	32 281	21 694	51 790	72 310

See footnotes at end of table

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes ebnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Energy and petroleum products ---- farms	4 987	3 513	2 732	7 438	3 537	918	174
$1,000	13 692	12 924	11 982	53 345	51 933	24 678	11 081
Farms with expenses of—							
$1 to $999	1 222	623	328	529	50	9	-
$1,000 to $4,999	3 130	2 129	1 497	2 497	298	28	3
$5,000 to $19,999	621	729	889	4 212	2 468	315	18
$20,000 or more	14	32	18	200	721	566	153
Petroleum products ---- farms	4 987	3 513	2 732	7 438	3 537	918	174
$1,000	10 797	9 992	9 314	41 671	41 633	20 596	9 226
Gasoline and gasohol ---- farms	4 583	3 174	2 549	6 880	3 390	878	165
$1,000	5 517	4 649	4 062	16 009	12 953	5 308	2 206
Diesel fuel ---- farms	3 242	2 499	2 230	6 487	3 373	894	171
$1,000	3 506	3 429	3 679	18 102	19 839	10 448	4 555
LP gas, butane, and propane ---- farms	582	489	527	1 947	1 558	526	103
$1,000	614	613	761	3 205	4 994	3 059	1 463
Fuel oil and kerosene ---- farms	305	323	232	783	444	129	32
$1,000	150	305	89	843	429	177	63
Natural gas ---- farms	127	98	89	316	284	108	40
$1,000	268	371	122	1 078	1 331	642	542
Motor oil and grease ---- farms	4 987	3 513	2 732	7 438	3 537	918	174
$1,000	742	625	600	2 434	2 087	961	399
Electricity ---- farms	3 937	2 773	2 337	6 455	3 226	848	161
$1,000	2 696	2 784	2 602	11 441	10 165	4 039	1 848
Other—coal, wood, coke, etc. ---- farms	433	287	165	439	229	52	7
$1,000	199	148	67	232	136	43	7
Interest expense ---- farms	2 355	1 924	1 631	5 205	2 938	810	155
$1,000	11 754	12 034	11 769	61 947	73 759	41 299	22 662
Farms with expenses of—							
$1 to $999	514	387	350	708	148	12	1
$1,000 to $4,999	1 089	779	563	1 234	454	46	5
$5,000 to $9,999	464	386	300	1 041	378	63	7
$10,000 or more	288	372	418	2 222	1 958	689	142
Farms reporting no interest expense (see text)	2 354	1 414	963	1 958	476	87	15
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ---- farms	5 008	3 513	2 732	7 441	3 544	918	174
$1,000	193 761	172 925	167 529	608 948	523 573	223 311	75 351
Farms by value group:							
$1 to $4,999	175	62	16	58	16	-	-
$5,000 to $9,999	686	248	176	228	36	5	-
$10,000 to $19,999	1 031	502	322	480	59	12	2
$20,000 to $49,999	1 760	1 334	826	1 735	357	27	6
$50,000 to $99,999	882	917	871	2 466	668	60	12
$100,000 to $199,999	432	377	417	1 993	1 469	267	28
$200,000 to $499,999	42	72	103	475	894	484	64
$500,000 or more	-	1	1	6	45	63	62
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---- farms	3 880	2 667	2 363	6 335	3 137	791	141
number	5 401	3 821	3 119	9 495	5 289	1 663	361
Motortrucks, including pickups ---- farms	4 378	3 203	2 449	6 946	3 463	905	173
number	6 423	5 175	4 056	13 253	9 541	3 856	1 327
Wheel tractors ---- farms	4 697	3 395	2 596	7 175	3 447	904	172
number	13 052	10 281	8 318	27 047	16 813	5 444	1 542
2 or 3 ---- farms	2 832	1 917	1 503	3 166	781	110	6
number	7 113	4 874	3 909	8 297	2 140	297	17
4 or more ---- farms	1 101	1 060	878	3 651	2 599	779	164
number	5 175	4 989	4 194	18 392	14 606	5 132	1 523
Grain and bean combines, self-propelled only ---- farms	1 976	1 581	1 273	4 514	2 675	784	152
number	2 059	1 735	1 374	4 957	3 011	969	226
Corn heads for combines ---- farms	1 085	996	912	3 337	2 363	727	147
number	1 140	1 128	1 039	3 575	2 613	832	219
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	1 957	1 657	1 198	4 142	1 947	435	87
number	2 007	1 702	1 254	4 326	2 106	496	198
Pickup balers ---- farms	2 600	1 958	1 421	4 563	2 141	467	93
number	2 726	2 047	1 544	5 057	2 533	579	123
Field forage harvesters, shear bar or flywheel ---- farms	898	876	792	2 843	1 505	345	78
number	1 089	978	900	3 458	1 778	421	114
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ---- farms	4 077	3 001	2 364	6 697	3 354	896	171
acres on which used	346 266	300 085	318 278	1 459 652	1 546 214	836 786	366 676
Lime ---- farms	589	428	472	1 344	863	234	61
acres on which used	15 763	13 331	12 326	47 270	63 684	33 393	21 277
tons	28 604	28 326	22 915	97 548	125 967	68 318	44 010
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ---- farms	1 237	1 111	877	2 623	1 720	537	119
acres on which used	77 373	85 918	83 765	371 849	508 863	322 022	180 766

See footnotes at end of table.

Table 48. Summary by Size of Farm: 1982—Con.

[Excludes ebnormel farms; see text. For meaning of ebbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
AGRICULTURAL CHEMICALS[1]—Con.						
Sprays, dusts, granules, fumigents, etc., to control—Con.						
Nemetodes in crops ---- farms	2 473	59	269	95	303	268
acres on which used	275 544	117	2 391	1 937	9 305	8 862
Diseases in crops and orchards ---- farms	5 391	362	1 477	392	574	550
acres on which used	344 933	961	14 573	8 005	17 366	21 882
Weeds, grass, or brush in crops and pasture ---- farms	30 424	410	4 554	2 114	3 800	3 365
acres on which used	4 285 002	1 352	72 173	63 413	154 892	203 937
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	1 998	97	357	116	250	216
acres on which used	127 527	213	3 200	2 527	7 253	6 212
LIVESTOCK						
Cattle end calves inventory ---- farms	25 647	818	4 709	1 611	3 138	2 782
number	1 341 257	15 056	47 157	22 919	58 460	69 574
Ferms with—						
1 to 9	7 525	502	3 118	775	1 183	685
10 to 49	10 717	264	1 529	806	1 816	1 759
50 to 99	3 690	31	48	22	113	300
100 to 199	2 432	11	8	3	19	33
200 to 499	1 112	8	3	5	3	5
500 or more	171	2	3	-	4	-
Cows end heifers that had calved ---- farms	18 723	425	2 787	1 078	2 200	2 055
number	537 477	4 139	14 335	7 941	21 056	28 886
Beef cows ---- farms	10 806	265	2 291	876	1 682	1 410
number	140 158	1 369	10 628	5 619	13 061	14 013
Ferms with—						
1 to 9	6 600	223	2 052	705	1 180	837
10 to 49	3 821	42	238	168	498	566
50 to 99	277	-	1	2	4	6
100 to 199	80	-	-	1	-	-
200 to 499	21	-	-	-	-	1
500 or more	7	-	-	-	-	-
Milk cows ---- farms	9 137	183	689	278	674	764
number	397 319	2 770	3 707	2 322	7 995	14 873
Ferms with—						
1 to 4	1 599	78	524	159	281	170
5 to 9	414	27	55	30	84	61
10 to 49	4 083	69	101	86	292	490
50 to 99	2 083	6	9	3	16	40
100 to 199	838	3	-	-	1	3
200 to 499	113	-	-	-	-	-
500 or more	7	-	-	-	-	-
Heifers and heifer calves ---- farms	18 586	454	2 673	1 052	2 154	2 003
number	421 002	3 730	11 823	6 054	15 550	19 909
Steers, steer calves, bulls, and bull calves ---- farms	21 592	627	3 874	1 364	2 693	2 346
number	382 778	7 187	20 999	8 924	21 854	20 779
Cattle end calves sold ---- farms	22 841	656	3 409	1 292	2 694	2 539
number	639 849	11 347	32 400	13 384	32 327	30 541
$1,000	294 808	4 479	12 373	5 182	13 948	12 075
Calves ---- farms	10 734	276	1 222	532	1 122	1 178
number	174 855	6 958	15 486	4 150	8 242	10 835
$1,000	27 672	2 038	4 214	688	1 394	1 769
Cattle ---- farms	20 491	556	3 032	1 130	2 375	2 257
number	464 994	4 389	16 914	9 234	24 085	19 706
$1,000	267 137	2 442	8 159	4 494	12 553	10 306
Fettened on grain and concentrates --- farms	9 025	301	1 728	582	1 146	1 001
number	278 412	2 035	8 818	5 007	13 877	8 397
$1,000	173 440	1 041	4 597	2 477	7 920	4 671
Hogs and pigs inventory ---- farms	7 429	401	1 794	492	928	831
number	1 062 335	33 405	74 475	22 225	65 927	73 923
Ferms with—						
1 to 24	3 775	242	1 300	308	530	423
25 to 49	899	53	209	66	118	118
50 to 99	793	37	137	58	110	113
100 to 199	737	35	85	36	84	88
200 to 499	677	17	42	19	58	60
500 or more	548	17	21	5	28	29
Used or to be used for breeding ---- farms	4 687	225	1 060	316	617	529
number	154 268	4 831	12 333	3 926	10 163	10 599
Other ---- farms	6 880	363	1 626	432	849	774
number	908 067	28 574	62 142	18 299	55 764	63 324
Hogs end pigs sold ---- farms	7 190	415	1 620	456	876	805
number	1 732 619	62 637	128 772	38 490	100 967	116 399
$1,000	182 584	5 275	11 075	3 308	9 666	10 779
Feeder pigs ---- farms	2 184	158	601	168	292	265
number	388 321	29 826	63 182	19 235	35 893	47 043
$1,000	19 044	1 335	3 032	914	1 778	2 344
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 --- ferms	4 965	255	1 132	342	652	555
number	202 305	7 490	15 621	5 117	12 055	13 942
Dec. 1 end May 31 ---- farms	4 102	205	894	282	537	458
number	96 366	3 437	7 518	2 473	6 215	6 787
June 1 end Nov. 30 ---- farms	4 134	209	877	268	505	481
number	105 939	4 053	8 103	2 644	5 840	7 155

See footnotes et end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
AGRICULTURAL CHEMICALS[1]—Con.							
Sprays, dusts, granules, fumigants, etc., to control—Con.							
Nematodes in crops ---- farms	229	166	98	498	356	106	26
acres on which used	11 022	13 675	8 951	54 540	88 421	45 490	30 833
Diseases in crops and orchards ---- farms	378	267	237	658	337	133	26
acres on which used	18 874	18 737	18 109	71 989	72 296	51 391	30 750
Weeds, grass, or brush in crops and pasture ---- farms	3 110	2 204	1 769	5 504	2 716	727	151
acres on which used	249 295	217 630	216 930	1 067 897	1 109 528	630 050	297 905
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	202	99	97	317	177	55	15
acres on which used	8 003	4 272	6 792	32 501	31 669	15 596	9 289
LIVESTOCK							
Cattle and calves inventory ---- farms	2 442	1 841	1 449	4 263	2 073	429	92
number	78 743	80 049	78 075	365 801	330 870	122 209	72 344
Farms with—							
1 to 9	480	242	139	284	101	12	4
10 to 49	1 436	962	622	1 161	316	41	5
50 to 99	457	490	480	1 345	351	48	5
100 to 199	67	135	199	1 212	644	91	10
200 to 499	1	12	9	251	615	174	26
500 or more	1	-	-	10	46	63	42
Cows and heifers that had calved ---- farms	1 820	1 464	1 171	3 608	1 726	326	63
number	33 619	35 191	35 879	162 134	136 371	37 885	20 041
Beef cows ---- farms	1 056	760	526	1 257	519	128	36
number	12 348	10 764	8 963	26 252	19 086	7 739	10 316
Farms with—							
1 to 9	547	328	194	396	117	19	2
10 to 49	502	421	306	759	262	53	6
50 to 99	5	9	25	88	106	25	6
100 to 199	1	1	1	13	28	26	9
200 to 499	1	1	-	1	5	5	7
500 or more	-	-	-	-	1	-	6
Milk cows ---- farms	870	800	720	2 585	1 312	228	34
number	21 271	24 427	26 916	135 882	117 285	30 146	9 725
Farms with—							
1 to 4	119	84	52	96	26	8	2
5 to 9	54	39	20	35	8	-	1
10 to 49	610	546	452	1 184	232	16	5
50 to 99	87	122	184	1 051	510	52	3
100 to 199	-	9	11	213	482	112	4
200 to 499	-	-	1	6	54	39	13
500 or more	-	-	-	-	-	1	6
Heifers and heifer calves ---- farms	1 847	1 459	1 188	3 616	1 744	332	64
number	24 015	25 474	26 309	126 688	114 916	33 606	12 928
Steers, steer calves, bulls, and bull calves ---- farms	2 084	1 547	1 205	3 582	1 815	372	83
number	21 109	19 384	15 887	76 979	79 583	50 718	39 375
Cattle and calves sold ---- farms	2 267	1 781	1 418	4 211	2 052	430	92
number	35 229	31 330	29 670	135 970	143 774	74 676	69 201
$1,000	14 107	12 028	11 830	56 795	66 759	44 913	40 319
Calves ---- farms	1 069	907	764	2 381	1 105	155	23
number	12 001	11 245	10 127	47 608	37 096	7 329	3 778
$1,000	1 914	1 394	1 246	6 588	4 741	903	785
Cattle ---- farms	2 035	1 610	1 267	3 816	1 908	415	90
number	23 228	20 085	19 543	88 362	106 678	67 347	65 423
$1,000	12 194	10 634	10 584	50 207	62 018	44 010	39 534
Fattened on grain and concentrates ---- farms	879	637	465	1 288	732	212	54
number	10 384	8 018	6 999	41 742	61 015	52 712	59 408
$1,000	5 742	4 564	4 053	26 522	39 451	35 765	36 636
Hogs and pigs inventory ---- farms	601	408	371	940	514	120	29
number	56 692	53 727	65 235	235 923	230 694	92 954	57 155
Farms with—							
1 to 24	263	176	118	286	105	20	4
25 to 49	95	54	29	104	45	8	-
50 to 99	92	50	61	94	34	6	1
100 to 199	75	49	62	133	75	11	4
200 to 499	56	49	64	178	107	23	4
500 or more	20	30	37	145	148	52	16
Used or to be used for breeding ---- farms	393	275	246	621	315	73	17
number	7 782	8 396	8 751	31 908	31 504	15 254	8 821
Other ---- farms	562	375	357	903	494	117	28
number	48 910	45 331	56 484	204 015	199 190	77 700	48 334
Hogs and pigs sold ---- farms	594	401	375	956	537	124	31
number	85 960	90 248	112 731	381 816	376 279	150 568	87 752
$1,000	8 607	9 366	11 352	40 458	44 043	17 768	10 887
Feeder pigs ---- farms	165	99	115	221	87	12	1
number	24 464	22 733	34 210	75 526	27 635	(D)	(D)
$1,000	1 131	1 205	1 687	3 799	1 417	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ---- farms	418	287	256	649	328	74	17
number	11 048	11 212	13 412	43 869	40 191	17 448	10 900
Dec. 1 and May 31 ---- farms	333	241	216	564	289	66	17
number	5 121	5 509	6 231	21 621	18 985	7 413	5 056
June 1 and Nov. 30 ---- farms	352	253	224	581	298	71	15
number	5 927	5 703	7 181	22 248	21 206	10 035	5 844

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.							
Sheep and lambs of all ages inventory	farms	2 401	147	638	184	315	254
	number	115 517	3 843	13 479	5 569	13 110	11 937
Ewes 1 year old or older	farms	2 103	119	538	159	289	231
	number	68 288	2 024	8 557	3 619	8 344	7 702
Sheep and lambs sold	farms	2 172	130	543	164	290	238
	number	88 782	4 261	10 186	3 817	8 910	7 853
Sheep and lambs shorn	farms	2 060	120	509	153	293	224
	number	101 512	3 048	11 069	4 991	11 052	10 395
	pounds of wool	782 410	21 401	84 758	39 672	86 506	85 591
Horses and ponies inventory	farms	9 536	544	3 452	852	1 193	896
	number	52 611	2 803	19 493	4 917	6 183	4 869
Horses and ponies sold	farms	2 403	247	1 068	222	250	180
	number	7 808	808	3 202	604	764	530
	$1,000	11 086	832	4 646	1 088	755	605
Goats inventory	farms	1 245	105	563	97	175	97
	number	11 126	599	3 635	783	1 729	1 196
Goats sold	farms	505	52	238	30	77	37
	number	4 027	453	1 767	181	447	403
	$1,000	158	21	70	7	15	21
POULTRY							
Chickens 3 months old or older inventory	farms	5 785	381	1 955	511	808	571
	number	7 561 180	1 007 729	1 579 509	138 418	606 450	376 372
Farms with—							
1 to 399		5 470	342	1 905	498	782	540
400 to 3,199		89	6	12	4	10	12
3,200 to 9,999		65	7	14	4	5	4
10,000 to 19,999		70	11	10	3	8	7
20,000 to 49,999		54	8	6	2	-	8
50,000 to 99,999		23	5	6	-	1	-
100,000 or more		14	2	2	-	2	-
Hens and pullets of laying age	farms	5 707	374	1 926	501	802	563
	number	6 593 729	797 068	1 441 508	131 071	505 335	309 472
Pullets 3 months old or older not of laying age	farms	683	50	269	65	80	63
	number	967 451	210 661	138 001	7 347	101 115	66 900
Chickens 3 months old or older sold	farms	1 071	120	326	71	108	96
	number	7 569 952	888 095	1 714 838	126 138	369 793	816 517
Broilers and other meat-type chickens sold	farms	636	66	233	55	79	48
	number	601 403	391 837	23 418	13 620	8 800	59 880
Farms with—							
1 to 1,999		627	62	232	54	79	47
2,000 to 59,999		6	2	1	1	-	1
60,000 to 99,999		2	1	-	-	-	-
100,000 or more		1	1	-	-	-	-
Turkey hens kept for breeding	farms	269	17	111	25	26	22
	number	43 754	58	20 057	2 974	3 267	6 246
Turkeys sold	farms	265	24	117	18	29	18
	number	1 901 774	619	194 966	3 143	126 214	14 715
CROPS HARVESTED							
Corn for grain or seed	farms	30 784	229	4 330	1 969	3 844	3 643
	acres	2 566 700	1 022	53 675	40 565	93 321	121 652
	bushels	256 304 308	92 844	4 445 804	3 432 568	8 139 697	10 800 262
Irrigated	farms	811	-	30	13	24	16
	acres	135 306	-	284	363	1 017	702
Farms by acres harvested:							
1 to 24 acres		11 724	229	3 846	1 343	2 338	1 604
25 to 99 acres		11 873	-	484	626	1 506	1 950
100 to 249 acres		4 925	-	-	-	-	89
250 acres or more		2 262	-	-	-	-	-
Corn for silage or green chop	farms	9 596	19	421	264	675	845
	acres	390 046	64	3 667	2 845	8 284	12 842
	tons, green	5 196 764	907	43 055	35 644	100 190	151 680
Irrigated	farms	108	-	3	-	-	3
	acres	5 095	-	9	-	-	30
Farms by acres harvested:							
1 to 24 acres		4 952	19	404	241	600	686
25 to 99 acres		3 740	-	17	23	75	157
100 to 249 acres		784	-	-	-	-	2
250 acres or more		120	-	-	-	-	-
Wheat for grain	farms	15 413	22	1 158	721	1 756	1 939
	acres	513 197	131	11 766	9 276	26 171	34 528
	bushels	20 754 410	6 032	438 887	329 503	948 967	1 294 210
Irrigated	farms	59	1	5	1	1	2
	acres	5 041	(D)	36	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres		8 913	22	1 109	655	1 539	1 523
25 to 99 acres		5 575	-	49	66	217	411
100 to 249 acres		836	-	-	-	-	5
250 acres or more		89	-	-	-	-	-
Oats for grain	farms	16 623	39	1 446	820	2 095	2 079
	acres	398 493	162	12 074	9 239	27 637	32 466
	bushels	24 765 511	8 522	652 335	496 942	1 554 208	1 878 983
Irrigated	farms	42	-	8	2	4	3
	acres	529	-	45	(D)	58	22

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LIVESTOCK—Con.							
Sheep and lambs of all ages inventory—farms	214	131	95	275	123	19	6
number	10 302	8 981	4 859	22 983	17 326	2 536	592
Ewes 1 year old or older—farms	181	115	82	253	114	17	5
number	5 781	5 466	3 421	12 816	8 164	1 989	405
Sheep and lambs sold—farms	190	127	81	262	123	18	6
number	7 926	6 458	2 458	16 666	16 729	3 227	291
Sheep and lambs shorn—farms	173	122	81	248	114	18	5
number	10 138	7 826	4 080	19 245	15 199	4 044	427
pounds of wool	75 535	58 989	32 112	149 233	112 914	32 532	3 167
Horses and ponies inventory—farms	637	416	300	801	337	84	24
number	3 474	2 101	1 644	4 546	1 764	706	111
Horses and ponies sold—farms	121	66	46	134	51	16	2
number	469	206	156	596	346	(D)	(D)
$1,000	725	213	670	975	364	(D)	(D)
Goats inventory—farms	67	35	14	58	29	5	-
number	729	670	64	1 187	510	24	-
Goats sold—farms	26	12	1	21	9	2	-
number	436	92	(D)	129	100	(D)	-
$1,000	10	2	(D)	6	6	(D)	-
POULTRY							
Chickens 3 months old or older inventory—farms	458	292	183	430	158	32	6
number	317 910	147 644	127 385	1 024 629	1 642 821	563 251	29 062
Farms with—							
1 to 399	433	276	170	377	121	22	4
400 to 3,199	12	8	4	12	8	1	-
3,200 to 9,999	4	3	3	12	8	1	-
10,000 to 19,999	6	4	4	10	3	2	2
20,000 to 49,999	2	-	2	13	10	3	-
50,000 to 99,999	-	1	-	5	5	-	-
100,000 or more	1	-	-	1	3	3	-
Hens and pullets of laying age—farms	455	289	181	423	157	31	5
number	260 269	138 265	106 788	937 245	1 426 267	(D)	(D)
Pullets 3 months old or older not of laying age—farms	57	31	21	35	8	3	1
number	57 641	9 379	20 597	87 384	216 554	(D)	(D)
Chickens 3 months old or older sold—farms	85	42	32	112	62	13	4
number	261 924	72 989	117 533	1 117 323	1 518 818	522 504	43 480
Broilers and other meat-type chickens sold—farms	52	31	16	39	13	2	2
number	21 649	2 907	3 604	7 334	2 157	(D)	(D)
Farms with—							
1 to 1,999	51	31	16	39	13	2	1
2,000 to 59,999	1	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	1
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding—farms	21	8	11	20	5	3	-
number	3 164	121	32	3 219	10	4 606	-
Turkeys sold—farms	17	8	3	18	7	5	1
number	5 897	68 418	312	168 717	344 517	(D)	(D)
CROPS HARVESTED							
Corn for grain or seed—farms	3 002	2 296	1 847	5 614	3 037	812	161
acres	128 039	123 552	125 986	586 790	685 763	394 937	211 398
bushels	11 703 769	11 545 621	12 049 589	57 052 006	70 974 588	42 888 400	23 179 160
Irrigated—farms	39	47	39	181	264	118	40
acres	2 592	3 446	2 792	18 036	42 866	31 774	31 434
Farms by acres harvested:							
1 to 24 acres	977	538	289	479	73	6	2
25 to 99 acres	1 807	1 450	1 129	2 500	390	31	-
100 to 249 acres	218	308	427	2 341	1 422	115	5
250 acres or more	-	-	2	294	1 152	660	154
Corn for silage or green chop—farms	967	905	804	2 822	1 485	322	67
acres	18 451	22 191	23 268	120 382	112 232	41 991	23 829
tons, green	223 297	269 283	291 344	1 527 589	1 523 544	638 669	391 562
Irrigated—farms	-	6	8	28	43	10	7
acres	-	126	193	758	2 055	856	1 068
Farms by acres harvested:							
1 to 24 acres	700	564	428	1 013	265	32	-
25 to 99 acres	265	326	358	1 581	795	125	18
100 to 249 acres	2	15	18	218	387	124	18
250 acres or more	-	-	-	10	38	41	31
Wheat for grain—farms	1 608	1 261	1 013	3 240	2 017	573	105
acres	34 159	31 995	26 707	116 833	130 580	64 933	26 118
bushels	1 281 015	1 232 860	1 032 014	4 716 248	5 461 178	2 910 062	1 103 434
Irrigated—farms	4	3	2	12	18	8	2
acres	118	91	(D)	367	1 308	754	(D)
Farms by acres harvested:							
1 to 24 acres	1 110	718	570	1 274	351	39	3
25 to 99 acres	489	538	440	1 859	1 242	244	20
100 to 249 acres	9	5	2	107	413	253	42
250 acres or more	-	-	1	-	11	37	40
Oats for grain—farms	1 904	1 445	1 158	3 529	1 705	356	47
acres	34 442	30 472	26 809	108 355	83 030	27 884	5 923
bushels	2 048 730	1 844 283	1 661 227	6 785 165	5 463 278	1 969 264	402 574
Irrigated—farms	4	7	1	8	5	-	-
acres	42	107	(D)	141	85	-	-

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED—Con.						
Soybeans for beans ---- farms	14 902	72	2 016	979	1 951	1 841
acres	1 122 519	401	33 613	23 589	62 992	74 540
bushels	34 304 408	12 609	902 545	646 658	1 711 116	2 113 123
Irrigated ---- farms	278	-	16	10	9	10
acres	24 942	-	222	201	211	404
Farms by acres harvested:						
1 to 24 acres	4 719	72	1 601	551	798	588
25 to 99 acres	6 873	-	415	428	1 153	1 172
100 to 249 acres	2 470	-	-	-	-	81
250 acres or more	840	-	-	-	-	-
Dry edible beans, excluding dry limas ---- farms	5 838	21	446	234	642	667
acres	502 250	96	6 849	5 045	18 512	25 435
cwt	7 161 680	1 341	96 049	70 218	273 321	357 837
Irrigated ---- farms	89	-	10	2	1	-
acres	10 302	-	108	(D)	(D)	-
Farms by acres harvested:						
1 to 24 acres	1 511	21	373	151	301	214
25 to 99 acres	2 676	-	73	83	341	443
100 to 249 acres	1 247	-	-	-	-	10
250 acres or more	404	-	-	-	-	-
Irish potatoes ---- farms	765	22	134	37	75	69
acres	48 664	25	424	125	273	909
cwt	12 414 828	3 729	87 395	20 485	35 791	207 302
Irrigated ---- farms	237	4	25	5	14	10
acres	26 556	9	149	11	56	269
Farms by acres harvested:						
0.1 to 4.9 acres	367	22	111	30	62	40
5.0 to 24.9 acres	103	-	19	5	12	14
25.0 to 99.9 acres	130	-	4	2	1	15
100.0 acres or more	165	-	-	-	-	-
Sugar beets for sugar ---- farms	1 351	7	55	38	101	94
acres	96 582	24	651	490	1 757	2 215
tons	1 810 556	478	12 484	9 193	33 131	41 221
Irrigated ---- farms	14	-	-	-	-	-
acres	550	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	28 513	198	5 092	1 894	3 926	3 484
acres	1 363 149	824	58 335	31 770	82 562	98 484
tons, dry	3 470 998	1 809	119 478	64 336	171 281	216 940
Irrigated ---- farms	139	3	27	3	7	11
acres	5 373	13	224	24	65	240
Farms by acres harvested:						
1 to 24 acres	14 143	198	4 715	1 493	2 665	1 845
25 to 99 acres	10 497	-	377	401	1 258	1 591
100 to 249 acres	3 282	-	-	-	3	48
250 acres or more	591	-	-	-	-	-
Alfalfa hay ---- farms	24 283	164	4 140	1 519	3 237	2 888
acres	948 882	670	44 566	23 391	62 166	73 568
tons, dry	2 707 341	1 562	99 624	52 340	140 414	179 267
Irrigated ---- farms	111	3	21	2	6	9
acres	3 713	13	189	(D)	62	160
Vegetables harvested for sale (see text) ---- farms	3 629	257	1 211	286	370	325
acres	126 170	706	9 843	4 467	6 819	7 542
Irrigated ---- farms	775	59	216	56	85	66
acres	43 137	130	1 606	1 216	2 084	2 219
Farms by acres harvested:						
0.1 to 4.9 acres	1 309	204	593	98	131	94
5.0 to 24.9 acres	1 279	53	526	120	139	126
25.0 to 99.9 acres	768	-	92	68	100	98
100.0 acres or more	273	-	-	-	-	7
Land in orchards ---- farms	4 274	250	1 434	377	552	445
acres	165 121	822	12 091	7 149	13 317	15 875
Irrigated ---- farms	442	20	77	32	48	47
acres	14 298	46	451	434	662	820
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	1 300	181	609	83	166	98
5.0 to 24.9 acres	1 478	69	727	164	157	114
25.0 to 99.9 acres	1 061	-	98	130	229	203
100.0 acres or more	435	-	-	-	-	30
Apples ---- farms	2 783	157	848	233	359	312
Bearing and nonbearing acres	69 658	380	4 897	2 727	5 484	6 809
pounds	915 575 438	1 967 853	35 406 905	26 981 568	52 636 389	71 292 825
Cherries ---- farms	2 071	78	484	185	277	260
Bearing and nonbearing acres	65 347	105	2 523	2 643	4 493	5 659
pounds	231 351 118	252 764	7 387 761	7 857 378	15 702 035	17 823 231
Grapes (see text) ---- farms	1 312	101	586	122	177	103
Bearing and nonbearing acres	12 781	225	2 998	981	1 718	1 316
Fresh weight pounds	94 862 025	1 191 458	19 716 328	6 774 386	12 105 614	9 461 832

See footnotes at end of table.

Table 48. **Summary by Size of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
CROPS HARVESTED—Con.							
Soybeans for beans ---- farms	1 415	1 079	867	2 555	1 562	470	95
acres	69 844	68 353	62 054	253 039	276 275	150 140	47 679
bushels	1 971 108	2 011 496	1 806 822	7 665 981	8 764 308	5 017 486	1 681 156
Irrigated ---- farms	17	19	10	54	82	43	8
acres	898	1 203	529	3 697	8 320	7 443	1 814
Farms by acres harvested:							
1 to 24 acres ----	373	207	147	302	75	4	1
25 to 99 acres ----	902	656	487	1 176	410	69	5
100 to 249 acres ----	140	216	229	960	684	133	27
250 acres or more ----	-	-	4	117	393	264	62
Dry edible beans, excluding dry limes ---- farms	593	454	382	1 287	806	268	38
acres	27 628	26 342	26 365	122 555	139 972	82 997	20 453
cwt	377 302	377 350	374 519	1 706 107	1 974 847	1 226 623	326 166
Irrigated ---- farms	2	3	10	21	22	15	3
acres	(D)	94	768	1 552	3 202	3 010	1 285
Farms by acres harvested:							
1 to 24 acres ----	148	93	60	105	37	8	-
25 to 99 acres ----	413	282	232	629	161	18	1
100 to 249 acres ----	32	79	90	523	427	81	5
250 acres or more ----	-	-	-	30	181	161	32
Irish potatoes ---- farms	58	51	27	129	118	37	8
acres	1 328	1 872	1 092	8 974	17 248	10 707	5 688
cwt	291 391	399 083	259 285	2 117 185	4 499 799	3 022 923	1 470 460
Irrigated ---- farms	9	12	8	46	75	23	6
acres	525	436	667	4 320	9 723	7 073	3 318
Farms by acres harvested:							
0.1 to 4.9 acres ----	32	21	11	29	9	-	[1]-
5.0 to 24.9 acres ----	7	10	5	20	10	1	-
25.0 to 99.9 acres ----	17	13	7	40	27	2	2
100.0 acres or more ----	2	7	4	40	72	34	6
Sugar beets for sugar ---- farms	97	94	109	333	279	122	22
acres	2 593	3 055	4 252	20 254	30 072	23 343	7 876
tons	48 390	57 327	74 995	384 394	568 663	436 746	142 534
Irrigated ---- farms	2	1	2	5	2	1	1
acres	(D)	(D)	(D)	224	(D)	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	2 833	2 076	1 614	4 646	2 210	452	88
acres	102 345	96 459	89 514	388 526	302 216	85 325	26 789
tons, dry	236 643	229 618	217 128	1 037 971	833 081	251 464	91 249
Irrigated ---- farms	3	8	4	21	34	12	6
acres	45	201	43	805	2 267	466	980
Farms by acres harvested:							
1 to 24 acres ----	1 121	602	394	751	299	53	7
25 to 99 acres ----	1 610	1 299	971	2 233	629	112	16
100 to 249 acres ----	102	175	246	1 569	968	146	25
250 acres or more ----	-	-	3	93	314	141	40
Alfalfa hay ---- farms	2 435	1 845	1 430	4 152	1 984	413	76
acres	76 016	70 676	65 873	265 728	191 620	58 823	15 785
tons, dry	193 310	186 221	175 896	809 091	619 099	195 934	54 583
Irrigated ---- farms	3	7	2	20	23	10	5
acres	45	134	(D)	779	1 154	311	830
Vegetables harvested for sale (see text) --- farms	211	199	124	332	227	72	15
acres	6 005	6 529	5 488	20 489	26 472	21 496	10 314
Irrigated ---- farms	44	42	19	77	75	29	7
acres	1 503	1 569	1 264	5 026	9 577	9 607	7 337
Farms by acres harvested:							
0.1 to 4.9 acres ----	54	46	18	42	24	5	-
5.0 to 24.9 acres ----	76	73	40	90	27	6	3
25.0 to 99.9 acres ----	70	63	49	133	72	18	5
100.0 acres or more ----	11	17	17	67	104	43	7
Land in orchards ---- farms	317	206	140	361	152	33	7
acres	15 219	14 293	9 156	34 636	22 492	14 803	5 269
Irrigated ---- farms	48	34	19	74	30	10	3
acres	1 363	1 725	677	3 799	2 449	1 306	568
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres ----	49	29	21	42	20	1	1
5.0 to 24.9 acres ----	95	37	27	61	26	1	-
25.0 to 99.9 acres ----	120	75	61	109	31	4	1
100.0 acres or more ----	53	65	31	149	75	27	5
Apples ---- farms	203	145	106	276	115	23	6
Bearing and nonbearing acres	6 125	5 791	4 109	16 787	9 201	5 394	1 956
pounds	79 500 981	71 533 603	48 331 688	266 057 946	130 373 193	85 657 815	45 834 672
Cherries ---- farms	186	140	91	231	106	27	6
Bearing and nonbearing acres	5 976	6 546	3 625	12 591	10 669	8 088	2 431
pounds	20 141 469	23 831 615	12 664 147	44 854 584	41 990 843	27 620 789	11 224 502
Grapes (see text) ---- farms	81	40	27	53	17	4	1
Bearing and nonbearing acres	1 651	848	484	1 577	509	(D)	(D)
Fresh weight pounds	13 278 266	6 377 413	3 229 970	14 063 558	3 997 200	(D)	(D)

[1]Data are based on a sample of farms.

Table 49. Summary by Value of Agricultural Products Sold: 1982

[For meaning of abbreviations and symbols, see text]

Item		All farms	Farms with sales of $10,000 or more				
			Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
FARMS AND LAND IN FARMS							
Farms	number	58 661	28 432	480	1 434	4 706	7 233
	percent	100.0	48.5	.8	2.4	8.0	12.3
Land in farms	acres	10 942 172	8 714 677	685 282	1 179 982	2 326 066	2 171 603
Average size of farm	acres	187	307	1 428	823	494	300
Value of land and buildings[1]	farms	58 661	28 410	480	1 434	4 665	7 264
	$1,000	13 388 682	10 750 367	1 003 173	1 578 957	2 914 470	2 515 267
Average per farm	dollars	228 238	378 401	2 089 944	1 101 086	624 752	346 265
Average per acre	dollars	1 223	1 230	1 464	1 338	1 265	1 147
Farms by value of land and buildings:							
$1 to $39,999		6 938	644	1	11	45	88
$40,000 to $69,999		10 011	1 552	1	7	20	109
$70,000 to $99,999		8 963	2 458	3	6	54	315
$100,000 to $149,999		8 794	3 783	5	20	132	622
$150,000 to $199,999		5 823	3 974	9	17	210	970
$200,000 to $499,999		12 050	10 061	29	246	1 874	3 628
$500,000 to $999,999		4 089	3 966	90	517	1 583	1 354
$1,000,000 to $1,999,999		1 471	1 457	162	417	647	168
$2,000,000 or more		522	515	180	193	100	10
Owned and rented land by operator:							
Land owned	farms	55 075	26 451	466	1 382	4 504	6 754
	acres	7 792 385	5 631 231	415 692	695 909	1 391 683	1 361 448
Land rented or leased from others	farms	23 206	16 509	354	1 146	3 501	4 772
	acres	3 554 486	3 253 541	275 494	495 242	953 037	842 908
Rented or leased land in farms	farms	23 113	16 475	353	1 145	3 500	4 762
	acres	3 536 271	3 242 276	274 854	494 204	951 214	840 212
Land rented or leased to others	farms	6 864	2 158	46	72	181	405
	acres	404 699	170 095	5 904	11 169	18 654	32 753
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	56 321	27 936	457	1 413	4 641	7 126
	acres	8 458 021	7 149 479	589 894	1 037 077	1 974 985	1 771 285
Harvested cropland	farms	53 738	27 631	452	1 403	4 611	7 063
	acres	7 255 909	6 427 512	552 389	973 954	1 827 996	1 585 813
Farms by acres harvested:							
1 to 49 acres		24 114	3 550	33	61	189	513
50 to 99 acres		10 561	5 825	3	28	174	730
100 to 199 acres		8 685	7 929	12	62	603	2 127
200 to 499 acres		7 476	7 431	63	374	2 314	3 370
500 to 999 acres		2 269	2 265	131	574	1 219	318
1,000 to 1,999 acres		543	541	137	287	112	5
2,000 acres or more		90	90	73	17	-	-
Cropland:							
Pasture or grazing only	farms	18 410	8 116	98	334	1 367	2 173
	acres	566 151	322 755	9 635	19 410	63 038	91 190
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 475	2 991	72	197	523	741
	acres	132 931	91 354	9 833	11 361	18 860	19 757
On which all crops failed	farms	2 802	1 338	15	57	169	372
	acres	55 721	34 183	962	2 837	5 810	9 927
In cultivated summer fallow	farms	5 101	2 652	41	130	419	620
	acres	113 569	75 053	2 962	7 859	15 802	17 683
Idle	farms	12 862	6 170	117	365	1 025	1 610
	acres	333 740	198 622	14 113	21 656	43 479	46 915
Total woodland	farms	31 636	16 054	252	841	2 714	4 189
	acres	1 430 370	873 780	43 674	75 841	192 007	226 603
Woodland pastured	farms	7 410	3 384	38	119	586	890
	acres	269 311	152 305	8 065	8 288	38 359	35 604
Woodland not pastured	farms	27 495	14 315	237	783	2 438	3 748
	acres	1 161 059	721 475	35 609	67 553	153 648	190 999
Pastureland and rangeland other than cropland and woodland pastured	farms	6 941	3 235	50	179	592	827
	acres	253 471	164 354	16 826	18 035	37 123	37 035
Land in house lots, ponds, roads, wasteland, etc.	farms	44 187	21 177	369	1 091	3 586	5 298
	acres	800 310	527 064	34 888	49 029	121 951	136 680
Pastureland, all types	farms	25 369	11 127	142	508	1 927	2 917
	acres	1 088 933	639 414	34 526	45 733	138 520	163 829
Irrigated land	farms	3 179	2 455	198	367	668	626
	acres	285 983	281 338	86 193	72 019	72 129	34 665
Harvested cropland irrigated	farms	3 150	2 446	198	366	668	625
	acres	284 047	279 618	(D)	(D)	71 907	34 586
Pasture and other land irrigated	farms	93	57	2	8	12	7
	acres	1 936	1 720	(D)	(D)	222	79
Land set aside in federal farm programs in 1982	farms	4 488	3 543	98	297	747	940
	acres	85 139	78 695	11 572	14 730	20 943	16 177
TENURE AND RACE OF OPERATOR							
All operators		58 661	28 432	480	1 434	4 706	7 233
Full owners		35 489	11 938	126	288	1 205	2 463
Part owners		19 523	14 490	340	1 093	3 295	4 287
Tenants		3 649	2 004	14	53	206	483
White		58 353	28 346	480	1 430	4 700	7 220
Full owners		35 271	11 890	126	288	1 204	2 456
Part owners		19 458	14 461	340	1 089	3 292	4 282
Tenants		3 624	1 995	14	53	204	482
Black and other races		308	86	-	4	6	13
Full owners		218	48	-	-	1	7
Part owners		65	29	-	4	3	5
Tenants		25	9	-	-	2	1

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
FARMS AND LAND IN FARMS							
Farms—number	6 536	8 043	30 210	8 741	7 751	13 718	19
percent	11.1	13.7	51.5	14.9	13.2	23.4	-
Land in farms—acres	1 269 663	1 082 081	2 210 766	850 219	572 073	788 474	16 729
Average size of farm—acres	194	135	73	97	74	57	880
Value of land and buildings[1]—farms	6 469	8 098	30 232	8 733	7 830	13 669	19
$1,000	1 505 950	1 232 550	2 615 869	912 729	693 783	1 009 357	22 446
Average per farm—dollars	232 795	152 204	86 526	104 515	88 606	73 843	1 181 368
Average per acre—dollars	1 182	1 120	1 192	1 101	1 205	1 279	1 342
Farms by value of land and buildings:							
$1 to $39,999	153	346	6 292	986	1 553	3 753	2
$40,000 to $69,999	321	1 094	8 457	1 972	2 327	4 158	2
$70,000 to $99,999	618	1 462	6 504	2 100	1 704	2 700	1
$100,000 to $149,999	1 137	1 867	5 011	1 989	1 241	1 781	-
$150,000 to $199,999	1 135	1 633	1 848	844	429	575	1
$200,000 to $499,999	2 753	1 531	1 984	793	513	678	5
$500,000 to $999,999	308	114	121	45	53	23	2
$1,000,000 to $1,999,999	14	49	14	3	10	1	-
$2,000,000 or more	30	2	1	1	-	-	6
Owned and rented land by operator:							
Land owned—farms	5 942	7 403	28 608	8 114	7 303	13 191	16
acres	876 412	890 087	2 145 152	769 261	560 803	815 088	16 002
Land rented or leased from others—farms	3 579	3 157	6 689	2 643	1 822	2 224	8
acres	431 146	255 714	300 156	151 612	71 841	76 703	789
Rented or leased land in farms—farms	3 572	3 143	6 630	2 627	1 796	2 207	8
acres	428 801	252 991	293 206	149 600	69 445	74 161	789
Land rented or leased to others—farms	489	965	4 703	1 278	1 204	2 221	3
acres	37 895	63 720	234 542	70 654	60 571	103 317	62
LAND IN FARMS ACCORDING TO USE							
Total cropland—farms	6 436	7 863	28 366	8 483	7 390	12 493	19
acres	992 633	783 605	1 299 703	562 819	339 308	397 576	8 839
Harvested cropland—farms	6 364	7 738	26 089	8 225	6 946	10 918	18
acres	858 869	628 491	822 460	415 043	214 441	192 976	5 937
Farms by acres harvested:							
1 to 49 acres	836	1 918	20 556	4 420	5 763	10 373	8
50 to 99 acres	1 390	3 500	4 735	3 195	1 062	478	1
100 to 199 acres	2 984	2 141	756	578	118	60	-
200 to 499 acres	1 132	178	40	30	3	7	5
500 to 999 acres	22	1	2	2	-	-	2
1,000 to 1,999 acres	-	-	-	-	-	-	2
2,000 acres or more	-	-	-	-	-	-	-
Cropland:							
Pasture or grazing only—farms	1 861	2 283	10 289	2 635	2 566	5 088	5
acres	65 179	74 303	241 859	76 926	64 009	100 924	1 537
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms	672	786	2 478	785	668	1 025	6
acres	16 076	15 467	41 211	14 058	10 681	16 472	366
On which all crops failed—farms	326	399	1 464	436	347	681	-
acres	6 801	7 846	21 538	6 517	5 090	9 931	-
In cultivated summer fallow—farms	630	812	2 446	874	694	878	3
acres	14 350	16 397	38 473	14 932	11 183	12 358	43
Idle—farms	1 325	1 728	6 686	1 882	1 641	3 163	6
acres	31 358	41 101	134 162	35 343	33 904	64 915	956
Total woodland—farms	3 616	4 442	15 569	4 693	3 972	6 904	13
acres	156 019	179 636	554 409	178 023	143 171	233 215	2 181
Woodland pastured—farms	768	983	4 021	1 136	1 062	1 823	5
acres	28 121	33 868	116 347	38 889	30 465	46 993	659
Woodland not pastured—farms	3 204	3 905	13 169	4 050	3 315	5 804	11
acres	127 898	145 768	438 062	139 134	112 706	186 222	1 522
Pastureland and rangeland other than cropland and woodland pastured—farms	704	883	3 703	991	903	1 809	3
acres	29 463	25 872	86 034	24 259	21 770	40 005	3 083
Land in house lots, ponds, roads, wasteland, etc.—farms	4 776	6 057	22 993	6 587	5 840	10 566	17
acres	91 548	92 968	270 620	85 118	67 824	117 678	2 626
Pastureland, all types—farms	2 494	3 139	14 233	3 630	3 498	7 105	9
acres	122 763	134 043	444 240	140 074	116 244	187 922	5 279
Irrigated land—farms	347	249	717	231	182	304	7
acres	11 576	4 756	4 446	1 942	1 068	1 436	199
Harvested cropland irrigated—farms	343	246	697	227	176	294	7
acres	11 329	4 504	4 230	1 856	992	1 382	199
Pasture and other land irrigated—farms	13	15	36	12	9	15	-
acres	247	252	216	86	76	54	-
Land set aside in federal farm programs in 1982—farms	720	741	945	495	252	198	-
acres	8 771	6 502	6 444	3 723	1 652	1 069	-
TENURE AND RACE OF OPERATOR							
All operators	6 536	8 043	30 210	8 741	7 751	13 718	19
Full owners	2 964	4 892	23 540	6 103	5 936	11 501	11
Part owners	2 972	2 503	5 028	2 000	1 356	1 672	5
Tenants	600	648	1 642	638	459	545	3
White	6 517	7 999	29 991	8 691	7 693	13 607	16
Full owners	2 954	4 862	23 373	6 065	5 893	11 415	8
Part owners	2 964	2 494	4 992	1 992	1 346	1 654	5
Tenants	599	643	1 626	634	454	538	3
Black and other races	19	44	219	50	58	111	3
Full owners	10	30	167	38	43	86	3
Part owners	8	9	36	8	10	18	-
Tenants	1	5	16	4	5	7	-

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	All farms	Farms with sales of $10,000 or more				
		Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	47 559	23 630	365	1 226	3 967	6 249
Not on farm operated	6 651	2 806	76	103	302	512
Not reported	4 451	1 996	39	105	437	472
Operators by principal occupation:						
Farming	30 107	21 328	458	1 385	4 466	6 297
Other	28 554	7 104	22	49	240	936
Operators by days of work off farm:						
None	21 350	14 316	371	1 113	3 347	4 193
Any	33 579	11 863	69	198	887	2 446
1 to 99 days	5 018	2 998	39	124	477	910
100 to 199 days	5 380	2 166	6	17	152	464
200 days or more	23 181	6 699	24	57	258	1 072
Not reported	3 732	2 253	40	123	472	594
Operators by years on present farm:						
2 years or less	2 895	1 034	11	12	108	244
3 or 4 years	4 758	1 740	9	45	183	481
5 to 9 years	9 195	3 842	33	148	555	1 003
10 years or more	31 647	17 195	352	1 005	3 049	4 462
Average years on present farm	18.5	20.4	24.2	22.0	20.8	20.0
Not reported	10 166	4 621	75	224	811	1 043
Operators by age group:						
Under 25 years	1 630	943	4	9	86	283
25 to 34 years	7 874	4 201	48	174	757	1 223
35 to 44 years	13 278	6 098	108	413	1 228	1 602
45 to 54 years	13 422	6 765	139	412	1 310	1 749
55 to 64 years	13 356	7 056	135	355	1 083	1 849
65 years and over	9 101	3 369	46	71	242	527
Average age	49.5	48.5	49.9	47.5	46.6	46.9
Operators by sex:						
Male	56 194	27 702	476	1 418	4 640	7 117
Female	2 467	730	4	16	66	116
Operators of Spanish origin	116	40	-	1	6	11
FARMS BY TYPE OF ORGANIZATION						
Individual or family — farms	52 022	23 563	178	723	3 416	6 089
acres	8 462 560	6 412 134	260 532	595 090	1 660 103	1 807 226
Partnership — farms	5 495	3 983	144	535	1 075	985
acres	1 899 339	1 765 873	198 209	460 175	567 092	319 125
Corporation:						
Family held — farms	851	745	144	164	196	123
acres	481 652	466 455	198 582	120 181	91 299	34 152
More than 10 stockholders — farms	28	22	10	6	2	1
10 or less stockholders — farms	823	723	134	158	194	122
Other than family held — farms	96	74	11	11	11	22
acres	37 647	33 848	14 213	(D)	(D)	6 586
More than 10 stockholders — farms	7	6	2	-	1	2
10 or less stockholders — farms	89	68	9	11	10	20
Other—cooperative, estate or trust, institutional, etc. — farms	197	67	3	1	8	14
acres	60 974	36 367	13 746	(D)	(D)	4 514
FARMS BY SIZE						
1 to 9 acres	2 714	547	11	33	94	125
10 to 49 acres	14 300	1 712	31	38	98	242
50 to 69 acres	4 388	981	2	9	31	116
70 to 99 acres	7 712	2 573	8	9	82	295
100 to 139 acres	6 398	3 358	4	17	124	469
140 to 179 acres	4 838	3 159	4	18	148	644
180 to 219 acres	3 508	2 680	5	16	214	727
220 to 259 acres	2 671	2 181	4	22	230	822
260 to 499 acres	7 360	6 613	32	216	1 659	2 894
500 to 999 acres	3 672	3 546	122	612	1 725	846
1,000 to 1,999 acres	924	908	144	395	294	49
2,000 acres or more	176	174	113	49	7	4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	22 117	11 715	67	317	1 216	2 660
Field crops, except cash grains (013)	4 324	1 151	26	61	154	171
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4 324	1 151	26	61	154	171
Vegetables and melons (016)	1 911	958	35	69	149	230
Fruits and tree nuts (017)	3 586	1 856	31	89	290	522
Horticultural specialties (018)	1 105	684	46	69	149	169
General farms, primarily crop (019)	2 215	674	11	35	78	125
Livestock, except dairy, poultry, and animal specialties (021)	13 177	4 110	134	207	510	798
Beef cattle, except feedlots (0212)	5 186	924	12	17	57	123
Dairy farms (024)	6 575	6 284	70	495	1 947	2 319
Poultry and eggs (025)	594	280	47	45	95	58
Animal specialties (027)	2 327	339	1	9	27	65
General farms, primarily livestock (029)	730	381	12	38	91	116

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	5 355	6 468	23 922	6 839	6 104	10 979	7
Not on farm operated	769	1 044	3 836	1 212	1 004	1 620	9
Not reported	412	531	2 452	690	643	1 119	3
Operators by principal occupation:							
Farming	4 413	4 309	8 765	3 397	2 390	2 978	14
Other	2 123	3 734	21 445	5 344	5 361	10 740	5
Operators by days of work off farm:							
None	2 661	2 631	7 020	2 367	1 830	2 823	14
Any	3 395	4 868	21 712	5 858	5 483	10 371	4
1 to 99 days	725	723	2 019	634	528	857	1
100 to 199 days	651	876	3 214	966	804	1 444	-
200 days or more	2 019	3 269	16 479	4 258	4 151	8 070	3
Not reported	480	544	1 478	516	438	524	1
Operators by years on present farm:							
2 years or less	275	384	1 861	474	436	951	-
3 or 4 years	446	576	3 018	720	736	1 562	-
5 to 9 years	936	1 167	5 347	1 318	1 310	2 719	6
10 years or more	3 808	4 519	14 445	4 719	3 838	5 888	7
Average years on present farm	20.4	20.1	16.6	19.0	17.3	14.7	16.4
Not reported	1 071	1 397	5 539	1 510	1 431	2 598	6
Operators by age group:							
Under 25 years	268	293	687	252	183	252	-
25 to 34 years	984	1 015	3 670	1 011	887	1 772	3
35 to 44 years	1 232	1 515	7 174	1 826	1 767	3 581	6
45 to 54 years	1 443	1 712	6 652	1 861	1 639	3 152	5
55 to 64 years	1 720	1 914	6 296	1 942	1 678	2 676	4
65 years and over	889	1 594	5 731	1 849	1 597	2 285	1
Average age	49.0	50.8	50.4	51.2	51.0	49.5	46.0
Operators by sex:							
Male	6 316	7 735	28 473	8 332	7 369	12 772	19
Female	220	308	1 737	409	382	946	-
Operators of Spanish origin	8	14	76	25	16	35	-
FARMS BY TYPE OF ORGANIZATION							
Individual or family—farms	5 824	7 333	28 459	8 137	7 299	13 023	-
Individual or family—acres	1 120 840	968 343	2 050 426	783 524	532 234	734 668	-
Partnership—farms	627	617	1 512	535	395	582	-
Partnership—acres	130 342	90 930	133 466	58 416	32 229	42 821	-
Corporation:							
Family held—farms	53	65	106	37	20	49	-
Family held—acres	10 617	11 624	15 197	5 444	1 998	7 755	-
More than 10 stockholders—farms	2	1	6	2	-	4	-
10 or less stockholders—farms	51	64	100	35	20	45	-
Other than family held—farms	14	5	22	4	9	9	-
Other than family held—acres	2 983	3 699	3 799	506	2 886	407	-
More than 10 stockholders—farms	1	-	1	1	-	-	-
10 or less stockholders—farms	13	5	21	3	9	9	-
Other—cooperative, estate or trust, institutional, etc.—farms	18	23	111	28	28	55	19
Other—cooperative, estate or trust, institutional, etc.—acres	4 881	7 485	7 878	2 329	2 726	2 823	16 729
FARMS BY SIZE							
1 to 9 acres	105	179	2 167	290	490	1 387	-
10 to 49 acres	405	898	12 585	2 220	3 229	7 136	3
50 to 69 acres	206	617	3 406	1 135	943	1 328	1
70 to 99 acres	580	1 599	5 138	2 035	1 361	1 742	1
100 to 139 acres	976	1 768	3 038	1 334	748	956	2
140 to 179 acres	1 129	1 216	1 679	725	425	529	-
180 to 219 acres	988	730	827	390	207	230	1
220 to 259 acres	707	396	490	228	123	139	-
260 to 499 acres	1 258	554	744	324	192	228	3
500 to 999 acres	168	73	126	55	30	41	-
1,000 to 1,999 acres	14	12	10	5	3	2	6
2,000 acres or more	-	1	-	-	-	-	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	3 279	4 176	10 399	4 187	3 058	3 154	3
Field crops, except cash grains (013)	233	506	3 172	828	837	1 507	1
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	233	506	3 172	828	837	1 507	1
Vegetables and melons (016)	207	268	950	348	308	294	3
Fruits and tree nuts (017)	445	479	1 727	431	376	920	3
Horticultural specialties (018)	116	135	421	149	136	136	-
General farms, primarily crop (019)	182	243	1 540	206	112	1 222	1
Livestock, except dairy, poultry, and animal specialties (021)	907	1 554	9 063	2 040	2 398	4 625	4
Beef cattle, except feedlots (0212)	224	491	4 260	843	1 079	2 338	2
Dairy farms (024)	991	462	288	194	49	45	3
Poultry and eggs (025)	17	18	314	15	38	261	-
Animal specialties (027)	94	143	1 988	286	396	1 306	-
General farms, primarily livestock (029)	65	59	348	57	43	248	1

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item		All farms	Farms with sales of $10,000 or more				
			Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	58 661	28 432	480	1 434	4 706	7 233
	$1,000	2 588 317	2 480 450	508 151	485 301	720 338	466 739
Farms by value of sales:							
Less than $2,500		13 722	-	-	-	-	-
$2,500 to $4,999		7 751	-	-	-	-	-
$5,000 to $9,999		8 743	-	-	-	-	-
$10,000 to $19,999		8 046	8 043	-	-	-	-
$20,000 to $39,999		6 538	6 536	-	-	-	-
$40,000 to $99,999		7 235	7 233	-	-	-	7 233
$100,000 to $249,999		4 709	4 706	-	-	4 706	-
$250,000 to $499,999		1 434	1 434	-	1 434	-	-
$500,000 or more		483	480	480	-	-	-
Grains	farms	34 004	20 661	323	1 094	3 401	5 071
	$1,000	795 210	749 419	79 326	132 133	212 257	173 798
Sales of $40,000 or more	farms	5 012	5 012	258	755	1 765	2 234
	$1,000	524 359	524 359	78 467	126 942	186 661	132 289
Corn for grain	farms	23 671	15 936	264	914	2 756	4 081
	$1,000	438 711	418 518	57 989	82 166	120 610	87 955
Wheat	farms	14 983	11 004	198	683	2 031	2 875
	$1,000	64 971	59 317	4 586	8 793	16 074	14 636
Soybeans	farms	14 791	9 946	142	477	1 562	2 507
	$1,000	174 328	161 000	9 997	22 496	44 039	42 389
Sorghum for grain	farms	18	15	-	-	3	8
	$1,000	64	61	-	-	10	29
Oats	farms	8 994	5 846	44	231	844	1 443
	$1,000	20 227	16 887	376	1 508	4 066	4 529
Other grains	farms	6 723	5 398	81	333	1 002	1 472
	$1,000	96 908	93 635	6 377	17 169	27 458	24 259
Cotton and cottonseed	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 529	5 327	64	187	670	1 170
	$1,000	47 701	36 112	2 332	2 420	7 519	8 681
Sales of $40,000 or more	farms	114	114	15	15	44	40
	$1,000	8 418	8 418	1 854	1 053	3 421	2 090
Vegetables, sweet corn, and melons	farms	3 630	2 102	73	168	386	544
	$1,000	115 525	111 584	37 630	23 897	24 654	15 365
Sales of $40,000 or more	farms	558	558	58	117	210	173
	$1,000	92 346	92 346	37 361	23 166	21 989	9 830
Fruits, nuts, and berries	farms	4 370	2 490	55	127	413	699
	$1,000	162 143	156 942	32 341	29 658	43 350	32 734
Sales of $40,000 or more	farms	967	967	45	109	336	477
	$1,000	133 368	133 368	32 272	29 429	42 336	29 331
Nursery and greenhouse products	farms	1 368	859	52	83	174	223
	$1,000	139 682	137 941	76 100	22 973	22 581	10 991
Sales of $40,000 or more	farms	444	444	50	76	156	162
	$1,000	131 486	131 486	(D)	(D)	22 373	10 153
Other crops	farms	2 015	1 777	69	220	481	504
	$1,000	104 404	103 969	25 497	30 645	30 077	12 821
Sales of $40,000 or more	farms	672	672	64	198	321	89
	$1,000	86 779	86 779	25 425	30 227	26 084	5 043
Poultry and poultry products	farms	3 100	1 146	62	74	209	235
	$1,000	101 375	100 485	67 336	14 207	13 754	3 951
Sales of $40,000 or more	farms	268	267	56	55	105	51
	$1,000	98 219	(D)	67 325	14 104	13 376	(D)
Dairy products	farms	7 589	7 153	99	582	2 161	2 577
	$1,000	613 059	610 183	45 588	140 251	255 717	136 675
Sales of $40,000 or more	farms	4 743	4 738	96	580	2 112	1 950
	$1,000	560 170	558 808	45 532	(D)	(D)	118 641
Cattle and calves	farms	22 849	13 056	231	775	2 705	3 681
	$1,000	295 881	272 448	101 803	43 259	54 495	37 404
Sales of $40,000 or more	farms	893	889	165	238	299	187
	$1,000	172 076	171 059	100 363	33 209	27 133	10 355
Hogs and pigs	farms	7 194	4 306	89	262	706	1 074
	$1,000	182 764	177 062	36 169	41 803	50 840	29 400
Sales of $40,000 or more	farms	1 014	1 012	67	197	420	328
	$1,000	143 354	(D)	35 934	41 098	47 175	(D)
Sheep, lambs, and wool	farms	2 308	864	7	29	106	198
	$1,000	5 207	3 720	10	594	789	878
Sales of $40,000 or more	farms	13	13	-	5	3	5
	$1,000	1 197	1 197	-	558	353	286
Other livestock and livestock products (see text)	farms	3 692	966	9	24	107	217
	$1,000	25 366	20 586	4 019	3 462	4 307	4 041
Sales of $40,000 or more	farms	96	96	1	10	28	57
	$1,000	14 767	14 767	(D)	(D)	4 064	3 271
FARM-RELATED INCOME AND DIRECT SALES							
Income from machine work, customwork, and other agricultural services	farms	4 371	3 362	87	289	808	990
	$1,000	12 300	11 370	1 043	1 629	3 928	2 731
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	6 911	2 742	52	115	375	650
	$1,000	30 267	24 732	2 112	2 432	7 007	6 066

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) farms	6 536	8 043	30 210	8 741	7 751	13 718	19
$1,000	185 603	114 318	104 750	62 566	28 107	14 078	3 116
Farms by value of sales:							
Less than $2,500	-	-	13 718	-	-	13 718	4
$2,500 to $4,999	-	-	7 751	-	7 751	-	-
$5,000 to $9,999	-	-	8 741	8 741	-	-	2
$10,000 to $19,999	-	8 043	-	-	-	-	3
$20,000 to $39,999	6 536	-	-	-	-	-	2
$40,000 to $99,999	-	-	-	-	-	-	2
$100,000 to $249,999	-	-	-	-	-	-	3
$250,000 to $499,999	-	-	-	-	-	-	-
$500,000 or more	-	-	-	-	-	-	3
Grains farms	4 840	5 932	13 336	5 695	3 981	3 660	7
$1,000	92 456	59 449	45 634	30 133	11 165	4 336	156
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Corn for grain farms	3 673	4 248	7 728	3 646	2 288	1 794	7
$1,000	42 803	26 996	20 073	13 217	4 972	1 885	120
Wheat farms	2 519	2 698	3 976	2 111	1 114	751	3
$1,000	8 692	6 535	5 634	3 576	1 410	649	20
Soybeans farms	2 521	2 737	4 842	2 359	1 438	1 045	3
$1,000	25 513	16 565	13 318	8 737	3 332	1 248	9
Sorghum for grain farms	1	3	3	2	1	-	-
$1,000	(D)	(D)	3	(D)	(D)	-	-
Oats farms	1 524	1 760	3 148	1 569	913	666	-
$1,000	(D)	(D)	3 340	2 066	881	393	-
Other grains farms	1 315	1 195	1 322	788	345	189	3
$1,000	11 891	6 480	3 266	(D)	(D)	161	8
Cotton and cottonseed farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds farms	1 285	1 951	6 198	2 220	1 780	2 198	4
$1,000	6 877	8 284	11 511	6 566	3 356	1 589	78
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Vegetables, sweet corn, and melons farms	422	509	1 523	561	469	493	5
$1,000	6 256	3 782	3 881	2 434	1 110	337	60
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Fruits, nuts, and berries farms	566	630	1 877	623	505	749	3
$1,000	12 238	6 623	5 148	3 091	1 364	692	53
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Nursery and greenhouse products farms	170	157	509	176	169	164	-
$1,000	3 440	1 856	1 741	1 038	491	211	-
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Other crops farms	316	187	235	100	55	80	3
$1,000	3 783	1 145	399	273	76	50	37
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Poultry and poultry products farms	247	319	1 951	432	472	1 047	3
$1,000	793	443	773	279	234	260	117
Sales of $40,000 or more farms	-	-	-	-	-	-	1
$1,000	-	-	-	-	-	-	(D)
Dairy products farms	1 145	589	431	250	96	85	5
$1,000	25 835	6 118	1 515	1 274	180	60	1 362
Sales of $40,000 or more farms	-	-	-	-	-	-	5
$1,000	-	-	-	-	-	-	1 362
Cattle and calves farms	2 658	3 006	9 785	3 193	2 826	3 766	8
$1,000	19 128	16 360	22 360	11 530	6 691	4 139	1 072
Sales of $40,000 or more farms	-	-	-	-	-	-	4
$1,000	-	-	-	-	-	-	1 018
Hogs and pigs farms	981	1 194	2 884	1 049	827	1 008	4
$1,000	11 529	7 320	5 522	3 232	1 461	829	180
Sales of $40,000 or more farms	-	-	-	-	-	-	2
$1,000	-	-	-	-	-	-	(D)
Sheep, lambs, and wool farms	211	313	1 444	345	380	719	-
$1,000	641	807	1 487	579	465	444	-
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Other livestock and livestock products (see text) farms	249	360	2 726	600	744	1 382	-
$1,000	2 625	2 132	4 780	2 136	1 513	1 131	-
Sales of $40,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
FARM-RELATED INCOME AND DIRECT SALES							
Income from machine work, customwork, and other agricultural services farms	663	525	1 009	410	275	324	-
$1,000	1 329	709	930	400	229	301	-
Value of agricultural products sold directly to individuals for human consumption (see text) farms	653	897	4 165	1 119	1 149	1 897	4
$1,000	3 980	3 135	5 534	2 457	1 752	1 324	1

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item		All farms	Farms with sales of $10,000 or more				
			Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
COMMODITY CREDIT CORPORATION LOANS							
Amount received	farms	3 791	3 502	140	390	918	973
	$1,000	136 699	135 880	28 740	32 852	40 892	22 600
Feed grains	farms	3 085	2 895	127	345	791	786
	$1,000	114 468	113 843	25 011	28 607	33 983	17 737
Wheat	farms	505	440	21	64	107	120
	$1,000	3 166	3 137	783	1 015	620	490
Cotton	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	925	878	34	88	243	263
	$1,000	19 065	18 899	2 945	3 230	6 290	4 373
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	16 849	8 438	247	552	1 676	2 068
	$1,000	170 034	160 392	68 665	27 574	32 884	18 567
Farms with expenses of—							
$1 to $4,999		13 094	5 013	26	133	665	1 195
$5,000 to $19,999		2 291	1 977	21	121	407	573
$20,000 to $49,999		852	839	20	90	416	268
$50,000 or more		612	609	180	208	188	32
Feed for livestock and poultry	farms	27 182	13 989	301	887	2 921	3 943
	$1,000	254 964	241 267	69 572	46 046	69 063	38 859
Farms with expenses of—							
$1 to $4,999		19 649	6 692	16	56	424	1 336
$5,000 to $19,999		4 800	4 576	25	148	1 181	2 199
$20,000 to $79,999		2 303	2 294	86	524	1 222	408
$80,000 or more		430	427	174	159	94	-
Commercially mixed formula feeds	farms	14 434	9 672	243	754	2 494	3 103
	tons	862 503	834 463	304 503	140 975	235 999	112 873
	$1,000	153 703	149 121	49 788	27 348	43 669	20 813
Farms by tons purchased:							
1 to 99 tons		13 049	8 300	68	386	1 881	2 918
100 to 499 tons		1 135	1 124	82	308	542	161
500 tons or more		250	248	93	60	71	24
Farms with expenses of—							
$1 to $4,999		9 699	5 024	13	58	549	1 679
$5,000 to $19,999		3 275	3 194	46	264	1 286	1 267
$20,000 to $49,999		980	976	54	291	474	135
$50,000 or more		480	478	130	141	185	22
Seeds, bulbs, plants, and trees	farms	41 846	25 256	428	1 354	4 346	6 632
	$1,000	105 161	98 424	17 929	17 144	25 508	20 872
Farms with expenses of—							
$1 to $999		22 672	7 392	9	23	242	1 109
$1,000 to $4,999		14 189	12 885	40	263	2 121	4 280
$5,000 to $9,999		3 207	3 204	73	474	1 312	1 049
$10,000 or more		1 778	1 775	306	594	671	194
Commercial fertilizer	farms	43 009	25 312	432	1 356	4 340	6 559
	$1,000	242 091	228 331	27 864	43 256	69 567	52 912
Farms with expenses of—							
$1 to $999		16 712	3 848	9	31	142	482
$1,000 to $4,999		14 925	10 116	19	78	646	2 013
$5,000 to $19,999		8 468	8 447	67	399	2 274	3 634
$20,000 or more		2 904	2 901	337	848	1 278	430
Other agricultural chemicals	farms	37 506	24 105	423	1 338	4 265	6 350
	$1,000	114 159	108 087	16 220	20 342	29 702	23 464
Farms with expenses of—							
$1 to $999		19 596	7 600	22	65	468	1 659
$1,000 to $4,999		12 212	10 848	35	273	1 799	3 018
$5,000 to $19,999		4 735	4 694	133	620	1 719	1 605
$20,000 or more		963	963	233	380	279	68
Hired farm labor	farms	21 564	14 848	456	1 284	3 428	4 108
	$1,000	186 312	179 495	58 006	42 652	44 733	22 609
Farms with expenses of—							
$1 to $4,999		15 620	8 947	25	144	1 244	2 587
$5,000 to $19,999		3 990	3 953	64	439	1 476	1 366
$20,000 to $49,999		1 308	1 305	130	440	571	147
$50,000 or more		646	643	237	261	137	8
Workers by days worked:							
150 days or more	farms	7 447	6 586	432	1 099	2 258	1 801
	workers	20 255	19 029	5 010	4 022	5 430	3 089
Less than 150 days	farms	18 707	12 471	364	940	2 644	3 425
	workers	109 807	89 628	9 844	13 025	22 280	21 799
Contract labor	farms	2 510	1 526	68	146	324	345
	$1,000	14 445	13 525	3 518	3 175	3 813	1 445
Farms with expenses of—							
$1 to $999		1 084	431	2	12	43	101
$1,000 to $4,999		908	577	15	39	117	132
$5,000 to $19,999		369	369	26	49	94	104
$20,000 or more		149	149	25	46	70	8
Customwork, machine hire, and rental of machinery and equipment	farms	20 674	12 199	212	660	2 126	3 132
	$1,000	30 403	26 120	2 571	3 858	6 742	5 642
Farms with expenses of—							
$1 to $999		13 158	5 891	31	126	684	1 446
$1,000 to $4,999		6 233	5 038	67	280	1 011	1 407
$5,000 to $19,999		1 185	1 172	69	222	415	274
$20,000 or more		98	98	45	32	16	5

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
COMMODITY CREDIT CORPORATION LOANS							
Amount received ---- farms	626	455	289	173	84	32	-
$1,000	7 785	3 011	820	638	158	28	-
Feed grains ---- farms	489	357	190	120	50	20	-
$1,000	6 138	2 368	625	488	115	21	-
Wheat ---- farms	84	44	65	30	24	11	-
$1,000	154	78	29	19	(D)	(D)	-
Cotton ---- farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey ---- farms	159	92	48	29	18	1	-
$1,000	1 494	566	166	131	(D)	(D)	-
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ---- farms	1 768	2 127	8 405	2 168	2 198	4 039	8
$1,000	7 517	5 187	9 141	3 493	2 783	2 866	501
Farms with expenses of—							
$1 to $4,999	1 183	1 811	8 079	1 997	2 104	3 978	2
$5,000 to $19,999	559	296	314	170	83	81	-
$20,000 to $49,999	25	20	11	1	10	-	2
$50,000 or more	1	-	1	-	1	-	2
Feed for livestock and poultry ---- farms	2 774	3 163	13 183	3 471	3 151	6 561	10
$1,000	11 192	8 534	12 999	4 554	3 157	5 287	698
Farms with expenses of—							
$1 to $4,999	2 039	2 821	12 955	3 352	3 112	6 491	2
$5,000 to $19,999	682	341	221	117	39	85	3
$20,000 to $79,999	53	1	7	2	-	5	2
$80,000 or more	-	-	-	-	-	-	3
Commercially mixed formula feeds ---- farms	1 553	1 525	4 755	1 226	1 089	2 440	7
tons	25 975	14 139	25 903	9 082	5 850	10 971	2 137
$1,000	5 023	2 479	4 225	1 568	904	1 754	357
Farms by tons purchased:							
1 to 99 tons	1 522	1 525	4 746	1 225	1 089	2 432	3
100 to 499 tons	31	-	9	1	-	8	2
500 tons or more	-	-	-	-	-	-	2
Farms with expenses of—							
$1 to $4,999	1 274	1 451	4 672	1 166	1 084	2 402	3
$5,000 to $19,999	257	74	81	39	5	37	-
$20,000 to $49,999	22	-	2	1	-	1	2
$50,000 or more	-	-	-	-	-	-	2
Seeds, bulbs, plants, and trees ---- farms	5 726	6 770	16 577	6 408	4 677	5 492	13
$1,000	10 039	6 931	6 678	3 741	1 778	1 160	59
Farms with expenses of—							
$1 to $999	2 031	3 978	15 275	5 443	4 413	5 419	5
$1,000 to $4,999	3 436	2 745	1 300	964	263	73	4
$5,000 to $9,999	249	47	1	-	1	-	2
$10,000 or more	10	-	1	1	-	-	2
Commercial fertilizer ---- farms	5 807	6 818	17 678	6 626	5 156	5 896	19
$1,000	20 982	13 750	13 583	7 640	3 714	2 229	177
Farms with expenses of—							
$1 to $999	960	2 224	12 854	3 493	3 865	5 496	10
$1,000 to $4,999	3 154	4 206	4 806	3 121	1 286	399	3
$5,000 to $19,999	1 692	381	18	12	5	1	3
$20,000 or more	1	7	-	-	-	-	3
Other agricultural chemicals ---- farms	5 570	6 159	13 384	5 444	3 678	4 062	17
$1,000	11 408	6 951	5 997	3 341	1 653	1 003	76
Farms with expenses of—							
$1 to $999	1 876	3 510	11 990	4 484	3 562	3 944	6
$1,000 to $4,999	3 189	2 534	1 358	947	300	111	6
$5,000 to $19,999	502	115	36	13	16	7	5
$20,000 or more	3	-	-	-	-	-	-
Hired farm labor ---- farms	2 770	2 802	8 702	2 437	1 756	2 509	14
$1,000	7 094	4 401	6 324	2 546	1 876	2 102	493
Farms with expenses of—							
$1 to $4,999	2 303	2 644	6 669	2 416	1 745	2 508	4
$5,000 to $19,999	450	158	33	21	11	1	4
$20,000 to $49,999	17	-	-	-	-	-	3
$50,000 or more	-	-	-	-	-	-	3
Workers by days worked:							
150 days or more ---- farms	607	389	848	347	225	278	13
workers	970	508	1 175	483	303	389	51
Less than 150 days ---- farms	2 494	2 604	6 224	2 253	1 661	2 310	12
workers	12 145	10 535	20 115	7 701	5 177	7 237	64
Contract labor ---- farms	338	305	984	357	316	311	-
$1,000	1 058	516	921	356	297	268	-
Farms with expenses of—							
$1 to $999	113	160	653	246	199	208	-
$1,000 to $4,999	182	112	331	111	117	103	-
$5,000 to $19,999	63	33	-	-	-	-	-
$20,000 or more	-	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ---- farms	2 849	3 220	8 467	2 963	2 281	3 223	8
$1,000	3 892	3 415	4 263	2 074	1 130	1 060	19
Farms with expenses of—							
$1 to $999	1 651	1 953	7 261	2 191	2 060	3 010	6
$1,000 to $4,999	1 089	1 184	1 194	767	220	207	1
$5,000 to $19,999	109	83	12	5	1	6	1
$20,000 or more	-	-	-	-	-	-	-

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	All farms	Farms with sales of $10,000 or more				
		Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
SELECTED FARM PRODUCTION EXPENSES[1]—Con.						
Energy and petroleum products ---- farms	58 436	28 396	480	1 434	4 665	7 264
$1,000	228 553	207 035	28 211	34 932	59 358	46 460
Farms with expenses of—						
$1 to $999	24 860	2 318	-	5	48	108
$1,000 to $4,999	21 639	14 155	2	15	302	2 779
$5,000 to $19,999	10 054	10 042	83	596	3 726	4 298
$20,000 or more	1 883	1 881	395	818	589	79
Petroleum products ---- farms	58 375	28 396	480	1 434	4 665	7 264
$1,000	181 320	164 930	21 819	27 453	47 087	37 435
Gasoline and gasohol ---- farms	53 792	26 420	467	1 373	4 418	6 673
$1,000	70 711	60 118	5 359	7 597	15 693	15 035
Diesel fuel ---- farms	32 771	22 298	448	1 343	4 295	6 402
$1,000	70 978	67 334	8 214	12 245	20 722	15 983
LP gas, butane, and propane ---- farms	7 811	6 819	261	835	1 969	1 912
$1,000	16 055	15 837	2 414	3 803	5 087	3 015
Fuel oil and kerosene ---- farms	4 420	2 973	96	262	670	762
$1,000	2 857	2 618	558	364	693	530
Natural gas ---- farms	1 819	1 496	137	218	462	282
$1,000	10 346	10 246	4 486	2 159	2 543	660
Motor oil and grease ---- farms	58 375	28 396	480	1 434	4 665	7 264
$1,000	10 372	8 776	789	1 284	2 348	2 212
Electricity ---- farms	42 594	23 946	448	1 358	4 317	6 420
$1,000	45 697	41 107	6 311	7 434	12 094	8 788
Other—coal, wood, coke, etc. ---- farms	3 720	1 910	20	65	292	513
$1,000	1 536	998	80	44	177	238
Interest expense ---- farms	27 193	18 666	436	1 286	3 855	5 355
$1,000	273 637	255 570	44 917	51 205	80 154	48 605
Farms with expenses of—						
$1 to $999	6 547	2 894	3	30	146	668
$1,000 to $4,999	9 752	5 759	10	102	605	1 558
$5,000 to $9,999	4 093	3 370	22	112	558	1 202
$10,000 or more	6 801	6 643	401	1 042	2 546	1 927
Farms reporting no interest expense (see text)	28 712	8 514	38	106	618	1 630
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ---- farms	58 549	28 399	480	1 433	4 665	7 264
$1,000	2 676 343	2 180 792	158 191	299 792	612 748	550 978
Farms by value group:						
$1 to $4,999	4 384	394	1	4	7	27
$5,000 to $9,999	12 500	1 167	2	2	29	79
$10,000 to $19,999	11 002	3 718	10	21	121	400
$20,000 to $49,999	14 191	8 460	22	55	457	1 950
$50,000 to $99,999	8 354	6 979	28	134	1 135	2 683
$100,000 to $199,999	5 655	5 303	94	512	1 977	1 811
$200,000 to $499,999	2 281	2 197	236	641	914	309
$500,000 or more	182	181	87	64	25	5
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ---- farms	41 140	23 207	394	1 222	4 186	6 239
number	58 638	34 441	953	2 408	6 812	8 755
Motortrucks, including pickups ---- farms	49 547	26 381	475	1 415	4 549	6 801
number	80 352	51 686	2 964	5 065	10 931	12 965
Wheel tractors ---- farms	53 627	26 943	461	1 404	4 548	6 912
number	146 655	95 709	3 716	8 246	20 654	25 022
2 or 3 ---- farms	26 623	12 758	36	164	1 094	3 145
number	64 564	32 591	93	426	2 944	8 329
4 or more ---- farms	13 355	11 578	406	1 191	3 270	3 334
number	68 442	60 511	3 604	7 771	17 526	16 260
Grain and bean combines, self-propelled only ---- farms	19 294	14 379	299	973	2 810	3 857
number	21 060	15 849	384	1 112	3 150	4 279
Corn heads for combines ---- farms	12 364	10 434	291	908	2 464	2 891
number	13 583	11 542	380	1 001	2 681	3 133
Cottonpickers and strippers ---- farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Mower conditioners ---- farms	19 528	11 807	190	717	2 551	3 376
number	21 055	12 558	324	823	2 755	3 497
Pickup balers ---- farms	23 282	13 345	201	741	2 586	3 803
number	25 051	14 607	240	903	2 976	4 144
Field forage harvesters, shear bar or flywheel ---- farms	9 977	7 652	195	668	2 103	2 434
number	11 809	9 097	285	795	2 497	2 918
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ---- farms	43 029	25 318	432	1 356	4 340	6 565
acres on which used	5 974 430	5 480 095	520 557	893 382	1 585 679	1 322 839
Lime ---- farms	6 756	4 618	166	415	1 116	1 236
acres on which used	252 990	220 947	36 682	39 192	62 354	42 451
tons	508 841	442 061	75 065	78 883	120 680	88 264
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ---- farms	15 597	10 884	311	924	2 484	2 845
acres on which used	1 811 518	1 727 363	273 653	361 260	517 134	332 144

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				Abnormal farms (see text)
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Energy and petroleum products ---- farms	6 462	8 091	30 021	8 702	7 813	13 506	19
$1,000	22 124	15 950	21 359	9 764	5 752	5 843	159
Farms with expenses of—							
$1 to $999	383	1 774	22 537	4 235	5 858	12 444	5
$1,000 to $4,999	4 983	6 074	7 477	4 460	1 955	1 062	7
$5,000 to $19,999	1 096	243	7	7	-	-	5
$20,000 or more	-	-	-	-	-	-	2
Petroleum products ---- farms	6 462	8 091	29 960	8 702	7 781	13 477	19
$1,000	18 214	12 921	16 261	7 689	4 362	4 210	129
Gasoline and gasohol ---- farms	5 967	7 522	27 354	7 989	7 048	12 317	18
$1,000	8 936	7 498	10 536	4 876	2 778	2 882	56
Diesel fuel ---- farms	4 908	4 902	10 463	3 968	2 978	3 517	10
$1,000	6 505	3 664	3 600	1 898	989	713	44
LP gas, butane, and propane ---- farms	1 096	746	988	405	281	302	4
$1,000	1 033	485	209	116	55	38	10
Fuel oil and kerosene ---- farms	524	659	1 447	430	474	543	-
$1,000	234	239	239	100	73	65	-
Natural gas ---- farms	223	174	318	135	84	99	5
$1,000	304	95	87	50	17	20	13
Motor oil and grease ---- farms	6 462	8 091	29 960	8 702	7 781	13 477	19
$1,000	1 202	940	1 590	650	450	490	6
Electricity ---- farms	5 264	6 139	18 635	6 100	5 117	7 418	13
$1,000	3 680	2 799	4 560	1 901	1 250	1 410	29
Other—coal, wood, coke, etc. ---- farms	424	596	1 810	460	431	919	-
$1,000	229	229	537	175	140	223	-
Interest expense ---- farms	3 738	3 996	8 527	3 172	2 197	3 158	-
$1,000	18 004	12 685	18 067	7 780	4 786	5 501	-
Farms with expenses of—							
$1 to $999	845	1 202	3 653	1 128	1 039	1 486	-
$1,000 to $4,999	1 495	1 989	3 993	1 604	955	1 434	-
$5,000 to $9,999	913	563	723	357	143	223	-
$10,000 or more	485	242	158	83	60	15	-
Farms reporting no interest expense (see text)	2 369	3 753	20 180	5 121	5 206	9 853	18
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ---- farms	6 469	8 088	30 131	8 732	7 816	13 583	19
$1,000	307 775	251 308	493 233	193 306	157 170	142 757	2 318
Farms by value group:							
$1 to $4,999	111	244	3 989	840	1 004	2 145	1
$5,000 to $9,999	258	797	11 332	1 492	2 101	7 739	1
$10,000 to $19,999	936	2 230	7 281	2 826	2 207	2 248	3
$20,000 to $49,999	2 746	3 230	5 727	2 805	1 850	1 072	4
$50,000 to $99,999	1 724	1 275	1 371	592	457	322	4
$100,000 to $199,999	615	294	350	144	150	56	2
$200,000 to $499,999	79	18	81	33	47	1	3
$500,000 or more	-	-	-	-	-	-	1
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---- farms	5 126	6 040	17 933	6 022	4 633	7 278	-
number	7 335	8 178	24 197	8 043	6 158	9 996	-
Motortrucks, including pickups ---- farms	5 923	7 218	23 151	7 315	6 025	9 810	15
number	9 580	10 181	28 595	9 491	7 614	11 490	71
Wheel tractors ---- farms	6 076	7 542	26 667	7 889	7 134	11 644	17
number	18 356	19 715	50 832	17 602	14 362	18 868	114
2 or 3 ---- farms	3 612	4 707	13 862	5 086	3 969	4 807	3
number	9 194	11 605	31 965	12 161	9 185	10 619	8
4 or more ---- farms	1 820	1 557	1 766	755	587	424	11
number	8 518	6 832	7 828	3 393	2 599	1 836	103
Grain and bean combines, self-propelled only ---- farms	3 294	3 146	4 910	2 376	1 489	1 045	5
number	3 532	3 392	5 204	2 516	1 586	1 102	7
Corn heads for combines ---- farms	2 193	1 687	1 925	1 045	547	333	5
number	2 466	1 881	2 034	1 093	586	355	7
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	2 301	2 672	7 715	2 779	2 203	2 733	6
number	2 391	2 768	8 489	2 899	2 759	2 831	8
Pickup balers ---- farms	2 920	3 094	9 932	3 558	2 835	3 539	5
number	3 112	3 232	10 434	3 755	3 011	3 668	10
Field forage harvesters, shear bar or flywheel ---- farms	1 114	1 138	2 318	667	746	705	7
number	1 309	1 293	2 701	1 061	861	779	11
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ---- farms	5 807	6 818	17 692	6 633	5 156	5 903	19
acres on which used	668 024	489 614	488 384	278 213	129 380	80 791	5 951
Lime ---- farms	707	978	2 131	854	605	672	7
acres on which used	19 803	20 465	31 303	16 565	8 856	5 882	740
tons	37 692	41 477	64 032	34 211	17 257	12 564	2 748
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ---- farms	2 060	2 260	4 701	1 742	1 476	1 483	12
acres on which used	139 099	104 073	82 740	46 166	24 998	11 576	1 415

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	All farms	Farms with sales of $10,000 or more				
		Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
AGRICULTURAL CHEMICALS[1]—Con.						
Sprays, dusts, granules, fumigants, etc., to control—Con.						
Nematodes in crops ---- farms	2 477	2 003	85	203	457	528
acres on which used	275 551	267 169	50 632	52 274	77 252	51 969
Diseases in crops and orchards ---- farms	5 399	3 446	125	285	677	876
acres on which used	345 088	325 293	67 946	65 076	81 224	64 623
Weeds, grass, or brush in crops and pasture ---- farms	30 440	20 202	358	1 105	3 598	5 357
acres on which used	4 288 784	4 003 562	400 154	651 888	1 113 861	990 924
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	2 001	1 484	55	132	327	388
acres on which used	127 566	120 279	19 142	19 095	27 418	31 395
LIVESTOCK						
Cattle and calves inventory ---- farms	25 657	13 284	232	763	2 720	3 754
number	1 345 793	1 167 528	155 668	203 842	365 421	254 678
Farms with—						
1 to 9	7 527	1 400	7	14	91	260
10 to 49	10 718	4 862	8	38	202	950
50 to 99	3 691	3 334	12	43	485	1 854
100 to 199	2 433	2 406	10	110	1 481	638
200 to 499	1 114	1 111	76	515	453	51
500 or more	174	171	119	43	8	1
Cows and heifers that had calved ---- farms	18 730	10 210	130	647	2 365	3 085
number	539 180	470 629	33 396	81 798	165 336	115 696
Beef cows ---- farms	10 810	3 437	37	101	305	679
number	140 969	79 579	9 503	5 537	9 474	16 913
Farms with—						
1 to 9	6 601	1 438	4	29	91	273
10 to 49	3 821	1 666	8	43	162	311
50 to 99	277	226	8	15	28	62
100 to 199	81	80	5	9	19	28
200 to 499	23	20	6	4	5	5
500 or more	7	7	6	1	-	-
Milk cows ---- farms	9 142	7 431	97	580	2 168	2 602
number	398 211	391 050	23 893	76 261	155 862	98 783
Farms with—						
1 to 4	1 599	303	1	3	15	48
5 to 9	414	179	1	-	1	18
10 to 49	4 085	3 909	5	14	359	1 991
50 to 99	2 083	2 082	5	76	1 423	534
100 to 199	838	838	31	426	365	11
200 to 499	116	113	47	61	5	-
500 or more	7	7	7	-	-	-
Heifers and heifer calves ---- farms	18 594	10 473	149	654	2 398	3 117
number	422 366	375 321	30 511	72 656	135 031	85 270
Steers, steer calves, bulls, and bull calves ---- farms	21 600	11 073	208	651	2 200	3 030
number	384 247	321 578	91 761	49 388	65 054	53 712
Cattle and calves sold ---- farms	22 849	13 056	231	775	2 705	3 681
number	642 060	573 868	171 331	89 464	130 316	93 027
$1,000	295 881	272 448	101 803	43 259	54 495	37 404
Calves ---- farms	10 740	6 783	72	422	1 681	2 154
number	175 360	150 946	20 879	24 984	45 777	31 941
$1,000	27 742	23 429	6 030	3 992	5 203	3 817
Cattle ---- farms	20 499	11 978	221	733	2 496	3 377
number	466 700	422 922	150 452	64 480	84 539	61 086
$1,000	268 138	249 020	95 773	39 267	49 293	33 587
Fattened on grain and concentrates ---- farms	9 025	4 851	143	286	761	1 141
number	278 412	260 917	133 470	37 076	36 772	25 964
$1,000	173 440	164 767	86 648	23 968	23 208	15 519
Hogs and pigs inventory ---- farms	7 433	4 169	87	253	680	1 045
number	1 064 073	1 007 780	180 197	213 506	286 115	188 757
Farms with—						
1 to 24	3 776	1 165	10	24	103	222
25 to 49	899	509	2	11	36	80
50 to 99	794	602	4	5	32	142
100 to 199	737	675	6	18	89	209
200 to 499	677	671	5	39	164	327
500 or more	550	547	60	156	256	65
Used or to be used for breeding ---- farms	4 690	2 843	54	159	409	726
number	155 012	143 429	27 116	29 133	36 428	27 020
Other ---- farms	6 884	3 949	87	247	665	1 006
number	909 061	864 351	153 081	184 373	249 687	161 737
Hogs and pigs sold ---- farms	7 194	4 306	89	262	706	1 074
number	1 734 236	1 666 958	302 500	370 900	474 205	304 618
$1,000	182 764	177 062	36 169	41 803	50 840	29 400
Feeder pigs ---- farms	2 184	1 218	12	39	130	304
number	388 321	355 848	19 515	49 991	84 684	104 341
$1,000	19 044	17 663	960	2 615	4 352	5 211
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ---- farms	4 968	2 958	55	161	422	756
number	202 755	192 083	34 935	39 510	51 993	37 157
Dec. 1 and May 31 ---- farms	4 105	2 602	54	151	395	677
number	96 569	91 542	14 905	19 168	25 837	17 753
June 1 and Nov. 30 ---- farms	4 137	2 652	53	151	400	698
number	106 186	100 541	20 030	20 342	26 156	19 404

See footnotes at end of table.

Table 49. Summary by Value of Agricultural Products Sold: 1982—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
AGRICULTURAL CHEMICALS[1]—Con.							
Sprays, dusts, granules, fumigants, etc., to control—Con.							
Nematodes in crops ---- farms	395	335	470	194	169	107	4
acres on which used	22 634	12 408	8 375	4 548	3 054	773	7
Diseases in crops and orchards ---- farms	650	833	1 945	586	495	864	8
acres on which used	25 472	20 952	19 640	8 288	6 611	4 741	155
Weeds, grass, or brush in crops and pasture ---- farms	4 823	4 961	10 222	4 497	2 848	2 877	16
acres on which used	536 190	310 545	281 440	175 960	66 555	38 925	3 782
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	219	363	514	170	167	177	3
acres on which used	11 236	11 993	7 248	4 381	2 131	736	39
LIVESTOCK							
Cattle and calves inventory ---- farms	2 698	3 117	12 363	3 444	3 127	5 792	10
number	104 496	83 423	173 729	70 968	48 304	54 457	4 536
Farms with—							
1 to 9	332	696	6 125	1 047	1 242	3 836	2
10 to 49	1 639	2 025	5 855	2 147	1 795	1 913	1
50 to 99	606	334	356	229	88	39	1
100 to 199	107	60	26	21	2	3	1
200 to 499	14	2	1	-	-	1	2
500 or more	-	-	-	-	-	-	3
Cows and heifers that had calved ---- farms	1 957	2 026	8 513	2 340	2 194	3 979	7
number	43 143	31 260	66 848	27 125	18 715	21 008	1 703
Beef cows ---- farms	886	1 429	7 369	1 969	1 945	3 455	4
number	17 132	21 020	60 579	23 907	17 453	19 219	811
Farms with—							
1 to 9	373	668	5 162	1 004	1 227	2 931	1
10 to 49	438	704	2 155	926	711	518	-
50 to 99	58	55	51	39	7	5	-
100 to 199	17	2	-	-	-	-	1
200 to 499	-	-	1	-	-	1	2
500 or more	-	-	-	-	-	-	-
Milk cows ---- farms	1 228	756	1 706	504	384	818	5
number	26 011	10 240	6 269	3 218	1 262	1 789	892
Farms with—							
1 to 4	82	154	1 296	265	300	731	-
5 to 9	50	109	235	110	56	69	-
10 to 49	1 063	477	174	128	28	18	2
50 to 99	31	13	1	1	-	-	-
100 to 199	2	3	-	-	-	-	-
200 to 499	-	-	-	-	-	-	3
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves ---- farms	1 989	2 166	8 113	2 353	2 109	3 651	8
number	29 381	22 472	45 681	18 517	12 571	14 593	1 364
Steers, steer calves, bulls, and bull calves ---- farms	2 251	2 733	10 519	3 018	2 726	4 775	8
number	31 972	29 691	61 200	25 326	17 018	18 856	1 469
Cattle and calves sold ---- farms	2 658	3 006	9 785	3 193	2 826	3 766	8
number	47 766	41 964	65 981	32 059	20 196	13 726	2 211
$1,000	19 128	16 360	22 360	11 530	6 691	4 139	1 072
Calves ---- farms	1 232	1 222	3 951	1 295	1 131	1 525	6
number	14 772	12 593	23 909	10 854	7 446	5 609	505
$1,000	2 126	2 261	4 243	2 078	1 303	861	71
Cattle ---- farms	2 412	2 739	8 513	2 850	2 528	3 135	8
number	32 994	29 371	42 072	21 205	12 750	8 117	1 706
$1,000	17 001	14 098	18 117	9 451	5 388	3 278	1 002
Fattened on grain and concentrates ---- farms	1 092	1 428	4 174	1 458	1 268	1 448	-
number	15 120	12 515	17 495	8 923	5 278	3 294	-
$1,000	8 475	6 949	8 672	4 603	2 574	1 495	-
Hogs and pigs inventory ---- farms	946	1 158	3 260	1 042	850	1 368	4
number	80 447	58 758	54 555	28 095	14 392	12 068	1 738
Farms with—							
1 to 24	292	514	2 610	680	662	1 268	1
25 to 49	158	222	390	190	120	80	-
50 to 99	181	238	191	122	53	16	1
100 to 199	213	140	62	45	15	2	-
200 to 499	94	42	6	4	-	2	-
500 or more	8	2	1	1	-	-	2
Used or to be used for breeding ---- farms	650	845	1 844	706	500	638	3
number	12 736	10 996	10 839	5 340	3 015	2 484	744
Other ---- farms	888	1 056	2 931	933	766	1 232	4
number	67 711	47 762	43 716	22 755	11 377	9 584	994
Hogs and pigs sold ---- farms	981	1 194	2 884	1 049	827	1 008	4
number	125 191	89 544	65 661	37 397	17 954	10 310	1 617
$1,000	11 529	7 320	5 522	3 232	1 461	829	180
Feeder pigs ---- farms	302	431	966	349	292	325	-
number	51 876	45 441	32 473	17 771	9 267	5 435	-
$1,000	2 480	2 045	1 381	791	381	208	-
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ---- farms	679	885	2 007	754	565	688	3
number	15 987	12 501	10 222	5 385	2 839	1 998	450
Dec. 1 and May 31 ---- farms	577	748	1 500	608	413	479	3
number	7 781	6 098	4 624	2 560	1 294	970	203
June 1 and Nov. 30 ---- farms	594	756	1 482	599	413	470	3
number	8 206	6 403	5 398	2 825	1 545	1 028	247

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item		All farms	Farms with sales of $10,000 or more				
			Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
LIVESTOCK—Con.							
Sheep and lambs of all ages inventory	farms	2 401	897	7	26	107	217
	number	115 517	67 479	517	3 959	11 277	17 948
Ewes 1 year old or older	farms	2 103	790	6	24	93	191
	number	68 288	37 170	271	2 261	5 382	8 500
Sheep and lambs sold	farms	2 172	829	7	29	98	195
	number	88 782	59 840	228	6 935	10 939	15 865
Sheep and lambs shorn	farms	2 060	781	6	25	95	184
	number	101 512	62 035	331	6 037	10 547	14 170
	pounds of wool	782 410	478 501	2 383	37 896	82 442	112 432
Horses and ponies inventory	farms	9 539	2 675	36	108	383	624
	number	52 648	14 766	163	693	1 857	3 462
Horses and ponies sold	farms	2 403	597	7	12	63	123
	number	7 808	3 268	20	147	378	801
	$1,000	11 086	7 474	18	1 264	1 731	1 691
Goats inventory	farms	1 245	233	1	5	31	46
	number	11 126	3 678	(D)	(D)	261	1 082
Goats sold	farms	505	84	-	1	10	14
	number	4 027	1 027	-	(D)	(D)	476
	$1,000	158	41	-	(D)	(D)	16
POULTRY							
Chickens 3 months old or older inventory	farms	5 788	1 764	54	62	222	406
	number	7 572 108	7 415 006	4 516 646	1 077 814	1 331 015	371 558
Farms with—							
1 to 399		5 472	1 470	5	20	120	345
400 to 3,199		89	68	1	1	10	21
3,200 to 9,999		65	65	2	2	29	28
10,000 to 19,999		71	70	4	7	47	11
20,000 to 49,999		54	54	10	30	13	1
50,000 to 99,999		23	23	18	2	3	-
100,000 or more		14	14	14	-	-	-
Hens and pullets of laying age	farms	5 710	1 732	52	61	209	397
	number	6 604 657	6 462 136	4 096 616	1 035 947	944 809	286 918
Pullets 3 months old or older not of laying age	farms	683	174	8	4	27	41
	number	967 451	952 870	420 030	41 867	386 206	84 640
Chickens 3 months old or older sold	farms	1 074	556	50	50	134	127
	number	7 578 366	7 522 794	3 711 274	1 094 419	2 008 274	568 187
Broilers and other meat-type chickens sold	farms	636	194	2	6	24	37
	number	601 403	563 215	(D)	(D)	59 017	88 869
Farms with—							
1 to 1,999		627	185	2	3	23	35
2,000 to 59,999		6	6	-	1	1	1
60,000 to 99,999		2	2	-	1	-	1
100,000 or more		1	1	-	1	-	-
Turkey hens kept for breeding	farms	269	62	2	7	8	8
	number	43 754	42 999	(D)	(D)	10 929	6 110
Turkeys sold	farms	265	74	10	7	10	13
	number	1 901 774	1 896 752	1 683 041	134 262	63 843	12 066
CROPS HARVESTED							
Corn for grain or seed	farms	30 792	20 242	337	1 172	3 777	5 395
	acres	2 568 541	2 386 819	270 441	420 749	690 884	537 474
	bushels	256 473 754	243 114 391	31 007 856	46 603 411	71 759 947	52 408 332
Irrigated	farms	814	764	89	155	245	172
	acres	135 474	134 580	41 048	35 151	36 624	15 332
Farms by acres harvested:							
1 to 24 acres		11 727	3 519	2	17	143	560
25 to 99 acres		11 873	9 565	14	83	1 048	2 669
100 to 249 acres		4 926	4 896	36	397	1 662	1 826
250 acres or more		2 266	2 262	285	675	924	340
Corn for silage or green chop	farms	9 603	7 874	181	640	2 191	2 547
	acres	391 235	369 929	48 918	67 343	127 532	83 263
	tons, green	5 209 449	4 981 297	852 975	982 416	1 691 134	987 409
Irrigated	farms	108	105	13	37	32	15
	acres	5 095	5 071	1 512	2 057	1 128	271
Farms by acres harvested:							
1 to 24 acres		4 952	3 406	2	41	409	1 192
25 to 99 acres		3 743	3 569	43	296	1 434	1 268
100 to 249 acres		786	779	65	272	332	85
250 acres or more		122	120	71	31	16	2
Wheat for grain	farms	15 416	11 150	199	684	2 050	2 907
	acres	513 445	453 529	30 273	59 262	117 550	115 690
	bushels	20 764 229	18 786 515	1 338 283	2 675 928	5 049 865	4 736 608
Irrigated	farms	59	50	10	13	8	5
	acres	5 041	4 952	3 016	1 016	334	236
Farms by acres harvested:							
1 to 24 acres		8 914	5 172	22	108	581	1 161
25 to 99 acres		5 576	5 058	78	361	1 124	1 547
100 to 249 acres		837	831	66	179	327	199
250 acres or more		89	89	33	36	18	-
Oats for grain	farms	16 627	10 866	91	484	1 886	3 055
	acres	398 618	322 730	6 897	26 742	79 593	93 347
	bushels	24 770 648	20 898 538	481 856	1 892 566	5 461 696	6 116 150
Irrigated	farms	42	25	-	-	6	5
	acres	529	404	-	-	99	77

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
LIVESTOCK—Con.							
Sheep and lambs of all ages inventory—farms	221	319	1 504	338	386	780	-
number	14 757	19 021	48 038	17 473	13 780	16 785	-
Ewes 1 year old or older—farms	191	285	1 313	307	338	668	-
number	8 672	12 084	31 118	11 588	9 000	10 530	-
Sheep and lambs sold—farms	201	299	1 343	329	350	664	-
number	11 625	14 248	28 942	10 765	8 988	9 189	-
Sheep and lambs shorn—farms	186	285	1 279	310	336	633	-
number	13 889	17 061	39 477	15 035	11 806	12 636	-
pounds of wool	105 929	137 419	303 909	113 640	92 096	98 173	-
Horses and ponies inventory—farms	619	905	6 861	1 331	1 429	4 101	3
number	3 539	5 052	37 845	7 317	7 136	23 392	37
Horses and ponies sold—farms	139	253	1 806	420	502	884	-
number	776	1 146	4 540	1 373	1 544	1 623	-
$1,000	1 259	1 511	3 612	1 594	1 158	859	-
Goats inventory—farms	60	90	1 012	147	219	646	-
number	930	1 384	7 448	1 146	2 030	4 272	-
Goats sold—farms	22	37	421	65	102	254	-
number	257	234	3 000	561	881	1 558	-
$1,000	16	7	117	23	42	52	-
POULTRY							
Chickens 3 months old or older inventory—farms	405	615	4 021	825	916	2 280	3
number	72 690	45 283	146 174	40 913	35 692	69 569	10 928
Farms with—							
1 to 399	380	600	4 000	813	911	2 276	2
400 to 3,199	20	15	21	12	5	4	-
3,200 to 9,999	4	-	-	-	-	-	-
10,000 to 19,999	1	-	-	-	-	-	1
20,000 to 49,999	-	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Hens and pullets of laying age—farms	402	611	3 975	815	905	2 255	3
number	54 856	42 990	131 593	36 751	33 017	61 825	10 928
Pullets 3 months old or older not of laying age—farms	34	60	509	88	101	320	-
number	17 834	2 293	14 581	4 162	2 675	7 744	-
Chickens 3 months old or older sold—farms	88	107	515	115	130	270	3
number	116 271	24 369	47 158	25 932	7 743	13 483	8 414
Broilers and other meat-type chickens sold—farms	51	74	442	101	103	238	-
number	44 658	21 189	38 188	13 077	10 515	14 596	-
Farms with—							
1 to 1,999	49	73	442	101	103	238	-
2,000 to 59,999	2	1	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding—farms	20	17	207	30	57	120	-
number	162	33	755	92	290	373	-
Turkeys sold—farms	15	19	191	39	43	109	-
number	1 166	2 374	5 022	1 521	2 005	1 496	-
CROPS HARVESTED							
Corn for grain or seed—farms	4 505	5 056	10 542	4 447	2 995	3 100	8
acres	279 046	188 225	179 881	104 479	47 736	27 666	1 841
bushels	25 266 991	16 067 854	13 189 917	8 231 929	3 332 299	1 625 689	169 446
Irrigated—farms	72	31	47	18	10	19	3
acres	5 020	1 405	726	363	106	257	168
Farms by acres harvested:							
1 to 24 acres	868	1 929	8 205	2 750	2 468	2 987	3
25 to 99 acres	2 803	2 948	2 308	1 678	518	112	-
100 to 249 acres	801	174	29	19	9	1	1
250 acres or more	33	5	-	-	-	-	4
Corn for silage or green chop—farms	1 304	1 011	1 722	819	476	427	7
acres	26 253	16 620	20 117	10 751	4 993	4 373	1 189
tons, green	284 162	183 201	215 467	116 823	52 972	45 672	12 685
Irrigated—farms	5	3	3	1	1	1	-
acres	63	40	24	(D)	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	954	808	1 546	715	435	396	-
25 to 99 acres	333	195	171	101	41	29	3
100 to 249 acres	17	8	5	3	-	2	2
250 acres or more	-	-	-	-	-	-	2
Wheat for grain—farms	2 558	2 752	4 263	2 192	1 180	891	3
acres	72 961	57 793	59 668	34 902	15 593	9 173	248
bushels	2 847 962	2 137 869	1 967 895	1 210 370	504 123	253 402	9 819
Irrigated—farms	6	8	9	4	2	3	-
acres	139	211	89	55	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	1 351	1 949	3 741	1 837	1 057	847	1
25 to 99 acres	1 165	783	517	350	123	44	1
100 to 249 acres	40	20	5	5	-	-	1
250 acres or more	2	-	-	-	-	-	-
Oats for grain—farms	2 540	2 810	5 757	2 491	1 641	1 625	4
acres	63 097	53 054	75 763	39 832	20 480	15 451	125
bushels	3 903 588	3 042 682	3 866 973	2 168 607	1 038 573	659 793	5 137
Irrigated—farms	2	12	17	3	4	10	-
acres	(D)	(D)	125	21	28	76	-

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	All farms	Farms with sales of $10,000 or more				
		Total	$500,000 or more	$250,000 to $499,999	$100,000 to $249,999	$40,000 to $99,999
CROPS HARVESTED—Con.						
Soybeans for beans ---- farms	14 905	9 972	142	478	1 563	2 514
acres	1 122 617	1 001 445	50 567	119 467	254 795	276 020
bushels	34 307 197	31 395 387	1 810 403	4 199 947	8 450 217	8 434 577
Irrigated ---- farms	278	255	19	45	77	67
acres	24 942	24 525	3 173	6 267	8 314	4 512
Farms by acres harvested:						
1 to 24 acres ----	4 720	1 727	4	19	151	312
25 to 99 acres ----	6 875	4 975	28	111	507	1 072
100 to 249 acres ----	2 470	2 430	42	171	559	910
250 acres or more ----	840	840	68	177	346	220
Dry edible beans, excluding dry limes ---- farms	5 841	4 750	59	265	856	1 308
acres	502 275	478 959	23 423	74 506	138 814	129 934
cwt	7 162 215	6 883 548	399 884	1 172 001	1 990 600	1 829 041
Irrigated ---- farms	89	82	7	17	21	21
acres	10 302	10 250	2 281	3 052	2 208	1 850
Farms by acres harvested:						
1 to 24 acres ----	1 514	764	-	9	37	121
25 to 99 acres ----	2 676	2 344	9	38	253	606
100 to 249 acres ----	1 247	1 238	12	80	395	527
250 acres or more ----	404	404	38	138	171	54
Irish potatoes ---- farms	768	505	30	74	123	109
acres	48 703	48 309	14 315	14 577	12 717	4 628
cwt	12 423 578	12 367 369	4 201 910	3 951 253	2 940 402	953 371
Irrigated ---- farms	237	210	26	56	65	36
acres	26 556	26 503	9 990	8 858	5 614	1 519
Farms by acres harvested:						
0.1 to 4.9 acres ----	367	125	-	3	5	20
5.0 to 24.9 acres ----	106	85	1	1	13	22
25.0 to 99.9 acres ----	130	130	2	6	42	58
100.0 acres or more ----	165	165	27	64	63	9
Sugar beets for sugar ---- farms	1 351	1 297	34	146	376	401
acres	96 582	96 078	9 744	26 287	34 619	17 812
tons	1 810 556	1 802 047	187 198	496 061	659 819	324 698
Irrigated ---- farms	14	13	-	3	6	4
acres	550	(D)	-	164	251	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	28 522	14 091	198	755	2 726	3 785
acres	1 365 495	1 037 167	44 915	126 700	316 065	277 944
tons, dry	3 476 731	2 885 258	153 625	409 049	958 211	735 256
Irrigated ---- farms	139	100	8	30	26	17
acres	5 373	5 007	911	1 909	1 448	303
Farms by acres harvested:						
1 to 24 acres ----	14 144	4 145	28	72	329	760
25 to 99 acres ----	10 497	6 358	43	150	973	2 064
100 to 249 acres ----	3 287	3 010	56	369	1 216	879
250 acres or more ----	594	578	71	164	208	82
Alfalfa hay ---- farms	24 290	12 696	169	684	2 506	3 506
acres	950 169	715 069	26 233	79 135	209 205	200 512
tons, dry	2 711 102	2 249 507	97 193	300 897	741 996	598 594
Irrigated ---- farms	111	79	5	22	21	15
acres	3 713	3 408	689	1 133	916	261
Vegetables harvested for sale (see text) --- farms	3 634	2 102	73	168	386	544
acres	126 248	118 910	34 097	20 353	28 680	19 721
Irrigated ---- farms	778	552	51	89	126	145
acres	43 149	42 434	21 263	7 933	7 568	4 079
Farms by acres harvested:						
0.1 to 4.9 acres ----	1 310	303	-	11	28	60
5.0 to 24.9 acres ----	1 282	782	4	18	81	182
25.0 to 99.9 acres ----	769	744	17	52	171	276
100.0 acres or more ----	273	273	52	87	106	26
Land in orchards ---- farms	4 280	2 093	40	111	359	590
acres	165 238	148 000	19 555	22 897	39 921	37 947
Irrigated ---- farms	445	319	9	37	77	97
acres	14 316	13 410	1 443	2 676	4 451	3 243
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres ----	1 303	180	3	2	13	39
5.0 to 24.9 acres ----	1 479	554	1	8	36	97
25.0 to 99.9 acres ----	1 063	927	1	18	131	338
100.0 acres or more ----	435	432	35	83	179	116
Apples ---- farms	2 788	1 406	34	99	286	428
Bearing and nonbearing acres	69 715	62 595	8 983	12 616	17 724	14 472
pounds	916 246 739	900 436 491	169 377 687	228 580 708	262 412 826	169 457 214
Cherries ---- farms	2 075	1 254	29	76	252	394
Bearing and nonbearing acres	65 372	60 120	8 374	6 946	15 978	16 678
pounds	231 363 502	224 846 281	43 557 778	24 966 771	58 625 906	57 605 569
Grapes (see text) ---- farms	1 317	532	6	17	73	124
Bearing and nonbearing acres	12 787	9 935	556	596	2 249	2 803
Fresh weight pounds	94 866 073	81 759 677	4 652 000	5 807 460	20 298 208	22 960 448

See footnotes at end of table.

Table 49. **Summary by Value of Agricultural Products Sold: 1982**—Con.

[For meaning of abbreviations and symbols, see text]

Item	Farms with sales of $10,000 or more—Con.		Farms with sales of less than $10,000				
	$20,000 to $39,999	$10,000 to $19,999	Total	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	Abnormal farms (see text)
CROPS HARVESTED—Con.							
Soybeans for beans ---- farms	2 530	2 745	4 930	2 374	1 462	1 094	3
acres	177 046	123 550	121 074	74 270	31 422	15 382	98
bushels	5 087 097	3 413 146	2 909 021	1 865 637	740 018	303 366	2 789
Irrigated ---- farms	30	17	23	9	6	8	-
acres	1 692	567	417	260	73	84	-
Farms by acres harvested:							
1 to 24 acres	449	792	2 992	1 080	961	951	1
25 to 99 acres	1 494	1 763	1 898	1 259	496	143	2
100 to 249 acres	559	189	40	35	5	-	-
250 acres or more	28	1	-	-	-	-	-
Dry edible beans, excluding dry limas ---- farms	1 185	1 077	1 088	689	269	130	3
acres	71 013	41 269	23 291	17 609	4 284	1 398	25
cwt	952 336	539 686	278 132	217 457	47 357	13 318	535
Irrigated ---- farms	7	9	7	-	2	5	-
acres	584	275	52	-	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	222	375	747	400	229	118	3
25 to 99 acres	780	658	332	281	39	12	-
100 to 249 acres	181	43	9	8	1	-	-
250 acres or more	2	1	-	-	-	-	-
Irish potatoes ---- farms	89	80	260	69	65	126	3
acres	1 675	397	355	151	81	124	39
cwt	261 331	59 102	47 459	20 280	12 504	14 675	8 750
Irrigated ---- farms	21	6	27	4	6	17	-
acres	515	7	53	24	8	21	-
Farms by acres harvested:							
0.1 to 4.9 acres	35	62	242	59	61	122	-
5.0 to 24.9 acres	34	14	18	10	4	4	3
25.0 to 99.9 acres	18	4	-	-	-	-	-
100.0 acres or more	2	-	-	-	-	-	-
Sugar beets for sugar ---- farms	226	114	54	42	8	4	-
acres	5 776	1 840	504	434	49	21	-
tons	101 379	32 892	8 509	7 360	881	268	-
Irrigated ---- farms	-	-	1	1	-	-	-
acres	-	-	(D)	(D)	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	2 947	3 680	14 422	4 144	3 681	6 597	9
acres	139 174	132 369	325 982	126 619	86 333	113 030	2 346
tons, dry	330 167	298 950	585 740	258 957	160 785	165 998	5 733
Irrigated ---- farms	9	10	39	8	9	22	-
acres	254	182	366	92	137	137	-
Farms by acres harvested:							
1 to 24 acres	1 129	1 827	9 998	2 307	2 418	5 273	1
25 to 99 acres	1 506	1 622	4 139	1 659	1 204	1 276	-
100 to 249 acres	274	216	272	169	57	46	5
250 acres or more	38	15	13	9	2	2	3
Alfalfa hay ---- farms	2 627	3 204	11 587	3 548	3 025	5 014	7
acres	99 407	100 577	233 813	95 323	63 714	74 776	1 287
tons, dry	264 630	246 197	457 834	208 100	128 034	121 700	3 761
Irrigated ---- farms	8	8	32	8	8	16	-
acres	250	159	305	92	109	104	-
Vegetables harvested for sale (see text) ---- farms	422	509	1 527	561	470	496	5
acres	9 511	6 548	7 260	4 243	1 984	1 033	78
Irrigated ---- farms	82	59	223	84	61	78	3
acres	1 099	491	703	415	152	136	13
Farms by acres harvested:							
0.1 to 4.9 acres	60	144	1 006	242	307	457	1
5.0 to 24.9 acres	203	294	497	296	162	39	3
25.0 to 99.9 acres	157	71	24	23	1	-	1
100.0 acres or more	2	-	-	-	-	-	-
Land in orchards ---- farms	468	525	2 181	542	478	1 161	6
acres	17 135	10 546	17 121	6 002	3 912	7 206	117
Irrigated ---- farms	57	42	123	20	31	72	3
acres	1 052	546	888	219	238	431	18
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	40	83	1 120	175	224	721	3
5.0 to 24.9 acres	134	278	924	308	223	393	1
25.0 to 99.9 acres	277	162	134	59	30	45	2
100.0 acres or more	17	2	3	-	1	2	-
Apples ---- farms	284	275	1 377	295	288	794	5
Bearing and nonbearing acres	5 856	2 944	7 063	2 109	1 636	3 318	57
pounds	49 197 374	21 410 682	15 138 947	8 422 622	4 327 468	2 388 857	671 301
Cherries ---- farms	256	247	817	214	179	424	4
Bearing and nonbearing acres	7 461	4 684	5 227	1 987	1 236	2 004	25
pounds	26 120 939	13 969 318	6 504 837	4 220 477	1 608 529	675 831	12 384
Grapes (see text) ---- farms	129	183	780	220	175	385	5
Bearing and nonbearing acres	1 917	1 815	2 846	1 322	697	826	5
Fresh weight pounds	15 012 079	13 029 482	13 102 348	8 166 119	3 409 409	1 526 820	4 048

[1]Data are based on a sample of farms.

Table 50. Summary by Standard Industrial Classification of Farm: 1982

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
FARMS AND LAND IN FARMS								
Farms — number	58 642	22 114	4 323	-	-	4 323	1 908	3 583
percent	100.0	37.7	7.4	-	-	7.4	3.3	6.1
Land in farms — acres	10 925 443	4 719 277	653 345	-	-	653 345	221 502	396 410
Average size of farm — acres	186	213	151	-	-	151	116	111
Value of land and buildings[1] — farms	58 642	22 020	4 353	-	-	4 353	1 935	3 627
$1,000	13 366 236	6 117 475	740 931	-	-	740 931	369 674	666 012
Average per farm — dollars	227 929	277 814	170 212	-	-	170 212	191 046	183 626
Average per acre — dollars	1 223	1 309	1 128	-	-	1 128	1 622	1 705
Farms by value of land and buildings:								
$1 to $39,999	6 936	1 886	522	-	-	522	331	579
$40,000 to $69,999	10 009	3 050	1 096	-	-	1 096	418	656
$70,000 to $99,999	8 962	3 280	853	-	-	853	351	595
$100,000 to $149,999	8 794	3 308	637	-	-	637	238	580
$150,000 to $199,999	5 822	2 329	429	-	-	429	170	356
$200,000 to $499,999	12 045	5 204	515	-	-	515	263	599
$500,000 to $999,999	4 087	1 880	217	-	-	217	104	166
$1,000,000 to $1,999,999	1 471	772	65	-	-	65	45	72
$2,000,000 or more	516	311	19	-	-	19	15	24
Owned and rented land by operator:								
Land owned — farms	55 059	20 054	4 157	-	-	4 157	1 742	3 482
acres	7 776 383	2 958 670	554 210	-	-	554 210	167 028	370 205
Land rented or leased from others — farms	23 198	10 477	1 138	-	-	1 138	690	674
acres	3 553 697	1 912 094	136 676	-	-	136 676	65 339	47 090
Rented or leased land in farms — farms	23 105	10 446	1 130	-	-	1 130	690	671
acres	3 535 482	1 906 465	135 038	-	-	135 038	64 683	46 563
Land rented or leased to others — farms	6 861	2 403	665	-	-	665	229	520
acres	404 637	151 487	37 541	-	-	37 541	10 865	20 885
LAND IN FARMS ACCORDING TO USE								
Total cropland — farms	56 302	22 114	4 323	-	-	4 323	1 908	3 583
acres	8 449 182	3 979 916	444 667	-	-	444 667	167 590	258 461
Harvested cropland — farms	53 720	22 114	4 323	-	-	4 323	1 908	3 583
acres	7 249 972	3 652 198	353 956	-	-	353 956	141 100	199 152
Farms by acres harvested:								
1 to 49 acres	24 106	7 524	2 598	-	-	2 598	1 351	2 510
50 to 99 acres	10 560	5 318	927	-	-	927	208	509
100 to 199 acres	8 685	4 305	430	-	-	430	164	357
200 to 499 acres	7 471	3 371	252	-	-	252	128	171
500 to 999 acres	2 267	1 199	98	-	-	98	46	25
1,000 to 1,999 acres	541	339	14	-	-	14	10	11
2,000 acres or more	90	58	4	-	-	4	1	-
Cropland:								
Pasture or grazing only — farms	18 405	3 566	1 230	-	-	1 230	203	396
acres	564 614	82 430	33 609	-	-	33 609	3 636	10 087
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured — farms	5 469	2 008	434	-	-	434	244	521
acres	132 565	48 617	13 128	-	-	13 128	5 166	11 983
On which all crops failed — farms	2 802	1 030	222	-	-	222	187	95
acres	55 721	20 426	4 883	-	-	4 883	2 232	1 249
In cultivated summer fallow — farms	5 098	2 159	393	-	-	393	165	280
acres	113 526	53 316	8 148	-	-	8 148	3 112	3 970
Idle — farms	12 856	4 772	1 105	-	-	1 105	553	1 310
acres	332 784	122 929	30 943	-	-	30 943	12 344	32 020
Total woodland — farms	31 623	10 928	2 459	-	-	2 459	773	1 897
acres	1 428 189	391 137	136 389	-	-	136 389	28 893	75 197
Woodland pastured — farms	7 405	1 575	478	-	-	478	82	186
acres	268 652	42 726	17 214	-	-	17 214	1 697	5 774
Woodland not pastured — farms	27 484	9 968	2 185	-	-	2 185	713	1 776
acres	1 159 537	348 411	119 175	-	-	119 175	27 196	69 423
Pastureland and rangeland other than cropland and woodland pastured — farms	6 938	1 742	450	-	-	450	95	261
acres	250 388	53 637	15 049	-	-	15 049	3 401	7 074
Land in house lots, ponds, roads, wasteland, etc. — farms	44 170	15 927	3 182	-	-	3 182	1 377	2 897
acres	797 684	294 587	57 240	-	-	57 240	21 618	55 678
Pastureland, all types — farms	25 360	5 562	1 733	-	-	1 733	321	705
acres	1 083 654	178 793	65 872	-	-	65 872	8 734	22 935
Irrigated land — farms	3 172	601	201	-	-	201	487	790
acres	285 784	117 711	38 216	-	-	38 216	31 316	21 094
Harvested cropland irrigated — farms	3 143	597	199	-	-	199	485	787
acres	283 848	117 552	38 113	-	-	38 113	30 942	20 919
Pasture and other land irrigated — farms	93	8	5	-	-	5	9	28
acres	1 936	159	103	-	-	103	374	175
Land set aside in federal farm programs in 1982 — farms	4 488	2 597	158	-	-	158	46	59
acres	85 139	52 118	2 004	-	-	2 004	675	797
TENURE AND RACE OF OPERATOR								
All operators	58 642	22 114	4 323	-	-	4 323	1 908	3 583
Full owners	35 478	11 655	3 186	-	-	3 186	1 219	2 909
Part owners	19 518	8 370	965	-	-	965	519	569
Tenants	3 646	2 089	172	-	-	172	170	105
White	58 337	22 022	4 308	-	-	4 308	1 888	3 541
Full owners	35 263	11 602	3 175	-	-	3 175	1 203	2 870
Part owners	19 453	8 343	961	-	-	961	518	567
Tenants	3 621	2 077	172	-	-	172	167	104
Black and other races	305	92	15	-	-	15	20	42
Full owners	215	53	11	-	-	11	16	39
Part owners	65	27	4	-	-	4	1	2
Tenants	25	12	-	-	-	-	3	1

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
				Total	Beef cattle, except feedlots (0212)				
FARMS AND LAND IN FARMS									
Farms	number	1 105	2 214	13 173	5 184	6 572	594	2 327	729
	percent	1.9	3.8	22.5	8.8	11.2	1.0	4.0	1.2
Land in farms	acres	76 006	344 025	1 891 823	700 595	2 242 703	66 490	110 105	203 757
Average size of farm	acres	69	155	144	135	341	112	47	280
Value of land and buildings[1]	farms	1 086	2 352	12 831	5 102	6 542	601	2 569	726
	$1,000	230 756	423 922	1 943 888	568 324	2 268 703	139 331	242 344	223 200
Average per farm	dollars	212 483	180 239	151 499	111 392	346 790	231 832	94 334	307 438
Average per acre	dollars	3 304	1 203	1 015	794	1 011	1 888	2 123	1 047
Farms by value of land and buildings:									
$1 to $39,999		173	330	2 020	875	218	106	714	57
$40,000 to $69,999		190	572	2 982	1 367	266	139	559	81
$70,000 to $99,999		122	416	2 270	919	408	46	540	81
$100,000 to $149,999		171	402	2 248	899	675	81	349	105
$150,000 to $199,999		115	137	1 122	471	891	51	124	98
$200,000 to $499,999		228	356	1 625	466	2 705	106	254	190
$500,000 to $999,999		58	73	358	81	1 102	39	24	66
$1,000,000 to $1,999,999		19	46	146	21	234	31	3	38
$2,000,000 or more		10	20	60	3	43	2	2	10
Owned and rented land by operator:									
Land owned	farms	1 035	2 145	12 695	5 029	6 226	581	2 226	716
	acres	69 530	264 529	1 556 168	635 877	1 516 987	58 522	111 282	149 252
Land rented or leased from others	farms	199	671	4 176	1 318	4 361	131	375	306
	acres	13 347	92 198	459 259	119 767	739 927	15 736	13 615	58 416
Rented or leased land in farms	farms	198	670	4 139	1 301	4 356	130	369	306
	acres	13 238	91 306	453 492	117 881	737 786	15 224	13 389	58 298
Land rented or leased to others	farms	134	233	1 971	836	202	126	309	69
	acres	6 871	12 702	123 604	55 049	14 211	7 768	14 792	3 911
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	1 105	2 214	11 905	4 675	6 446	460	1 547	697
	acres	46 955	259 822	1 248 366	384 953	1 792 581	44 991	52 032	153 801
Harvested cropland	farms	1 105	2 117	10 408	3 953	6 357	370	818	617
	acres	29 684	206 418	902 992	209 772	1 577 334	36 737	19 687	130 714
Farms by acres harvested:									
1 to 49 acres		993	1 320	6 184	2 641	449	239	731	207
50 to 99 acres		51	331	2 087	809	961	34	52	82
100 to 199 acres		31	237	1 136	361	1 827	45	28	125
200 to 499 acres		20	147	728	118	2 477	35	7	135
500 to 999 acres		8	57	190	19	582	12	-	50
1,000 to 1,999 acres		1	24	68	5	54	5	-	15
2,000 acres or more		1	1	15	-	7	-	-	3
Cropland:									
Pasture or grazing only	farms	64	988	6 906	3 159	3 458	162	1 049	383
	acres	1 647	22 626	233 037	131 938	136 396	3 507	22 868	14 771
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	93	239	1 074	382	611	61	113	71
	acres	5 289	5 141	23 282	7 987	15 314	1 150	1 826	1 669
On which all crops failed	farms	26	211	578	247	348	25	37	43
	acres	392	4 601	9 672	4 194	10 598	439	351	878
In cultivated summer fallow	farms	72	217	982	366	666	31	57	76
	acres	1 682	3 806	18 324	6 136	17 724	404	800	2 240
Idle	farms	272	576	2 504	931	1 140	130	343	151
	acres	8 261	17 230	61 059	24 926	35 215	2 754	6 500	3 529
Total woodland	farms	360	1 254	7 840	3 307	4 419	267	971	455
	acres	15 601	49 918	391 808	210 249	270 252	12 318	29 944	26 732
Woodland pastured	farms	34	296	2 934	1 512	1 309	58	279	174
	acres	1 463	8 084	117 698	73 663	55 506	3 782	4 681	10 027
Woodland not pastured	farms	340	1 083	6 199	2 481	3 828	237	804	351
	acres	14 138	41 834	274 110	136 586	214 746	8 536	25 263	16 705
Pastureland and rangeland other than cropland and woodland pastured	farms	47	274	2 287	943	1 080	73	485	144
	acres	1 453	7 752	91 809	44 252	51 572	1 515	9 670	7 456
Land in house lots, ponds, roads, wasteland, etc.	farms	790	1 722	10 164	3 891	5 184	493	1 823	611
	acres	11 997	26 533	159 840	61 141	128 298	7 666	18 459	15 768
Pastureland, all types	farms	124	1 265	8 980	4 034	4 347	243	1 558	522
	acres	4 563	38 462	442 544	249 853	243 474	8 804	37 219	32 254
Irrigated land	farms	581	83	217	20	143	27	17	25
	acres	11 210	13 626	27 974	948	19 254	1 935	57	3 391
Harvested cropland irrigated	farms	581	82	211	18	140	25	11	25
	acres	10 589	(D)	27 586	809	19 162	(D)	40	3 391
Pasture and other land irrigated	farms	17	3	9	3	5	2	7	-
	acres	621	(D)	388	139	92	(D)	17	-
Land set aside in federal farm programs in 1982	farms	5	144	678	137	696	22	10	73
	acres	81	2 599	11 993	1 279	12 854	372	90	1 556
TENURE AND RACE OF OPERATOR									
All operators		1 105	2 214	13 173	5 184	6 572	594	2 327	729
Full owners		907	1 546	9 007	3 870	2 211	463	1 952	423
Part owners		128	599	3 675	1 151	4 011	117	274	291
Tenants		70	69	491	163	350	14	101	15
White		1 104	2 208	13 074	5 153	6 561	588	2 318	725
Full owners		906	1 541	8 936	3 847	2 205	458	1 946	421
Part owners		128	599	3 651	1 143	4 008	116	273	289
Tenants		70	68	487	163	348	14	99	15
Black and other races		1	6	99	31	11	6	9	4
Full owners		1	5	71	23	6	5	6	2
Part owners		-	-	24	8	3	1	1	2
Tenants		-	1	4	-	2	-	2	-

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	47 552	17 001	3 283	-	-	3 283	1 494	2 788
Not on farm operated	6 642	3 285	588	-	-	588	287	591
Not reported	4 448	1 828	452	-	-	452	127	204
Operators by principal occupation:								
Farming	30 093	11 129	1 695	-	-	1 695	1 005	2 022
Other	28 549	10 985	2 628	-	-	2 628	903	1 561
Operators by days of work off farm:								
None	21 336	7 343	1 292	-	-	1 292	679	1 452
Any	33 575	13 307	2 701	-	-	2 701	1 102	1 936
1 to 99 days	5 017	2 067	367	-	-	367	193	354
100 to 199 days	5 380	1 985	432	-	-	432	192	386
200 days or more	23 178	9 255	1 902	-	-	1 902	717	1 196
Not reported	3 731	1 464	330	-	-	330	127	195
Operators by years on present farm:								
2 years or less	2 895	1 156	176	-	-	176	127	142
3 or 4 years	4 758	1 613	278	-	-	278	201	275
5 to 9 years	9 189	3 166	705	-	-	705	311	600
10 years or more	31 640	12 136	2 288	-	-	2 288	964	2 104
Average years on present farm	18.5	19.5	19.2	-	-	19.2	16.7	19.3
Not reported	10 160	4 043	876	-	-	876	305	462
Operators by age group:								
Under 25 years	1 630	933	68	-	-	68	58	40
25 to 34 years	7 871	3 132	444	-	-	444	256	340
35 to 44 years	13 272	4 478	977	-	-	977	441	657
45 to 54 years	13 417	4 818	934	-	-	934	425	841
55 to 64 years	13 352	5 101	962	-	-	962	433	968
65 years and over	9 100	3 652	938	-	-	938	295	737
Average age	49.5	49.4	51.8	-	-	51.8	49.2	52.9
Operators by sex:								
Male	56 175	21 576	4 085	-	-	4 085	1 797	3 380
Female	2 467	538	238	-	-	238	111	203
Operators of Spanish origin	116	32	9	-	-	9	11	16
FARMS BY TYPE OF ORGANIZATION								
Individual or family — farms	52 022	19 963	4 018	-	-	4 018	1 680	3 044
acres	8 462 560	3 843 634	539 517	-	-	539 517	154 254	271 389
Partnership — farms	5 495	1 879	240	-	-	240	171	380
acres	1 899 339	686 524	71 848	-	-	71 848	35 289	69 874
Corporation:								
Family held — farms	851	173	41	-	-	41	49	132
acres	481 652	160 097	35 225	-	-	35 225	30 303	49 979
More than 10 stockholders — farms	28	3	3	-	-	3	3	6
10 or less stockholders — farms	823	170	38	-	-	38	46	126
Other than family held — farms	96	18	6	-	-	6	5	13
acres	37 647	7 236	1 492	-	-	1 492	1 484	4 075
More than 10 stockholders — farms	7	2	1	-	-	1	-	1
10 or less stockholders — farms	89	16	5	-	-	5	5	12
Other—cooperative, estate or trust, institutional, etc. — farms	178	81	18	-	-	18	3	14
acres	44 245	21 786	5 263	-	-	5 263	172	1 093
FARMS BY SIZE								
1 to 9 acres	2 714	168	40	-	-	40	165	271
10 to 49 acres	14 297	4 224	1 227	-	-	1 227	826	1 345
50 to 69 acres	4 387	1 797	405	-	-	405	166	352
70 to 99 acres	7 711	3 401	781	-	-	781	188	415
100 to 139 acres	6 396	2 873	550	-	-	550	145	356
140 to 179 acres	4 838	2 075	376	-	-	376	83	243
180 to 219 acres	3 507	1 470	216	-	-	216	85	168
220 to 259 acres	2 671	1 097	139	-	-	139	46	98
260 to 499 acres	7 357	2 870	356	-	-	356	110	228
500 to 999 acres	3 672	1 559	178	-	-	178	74	79
1,000 to 1,999 acres	918	486	48	-	-	48	17	24
2,000 acres or more	174	94	7	-	-	7	3	4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	22 114	22 114	-	-	-	-	-	-
Field crops, except cash grains (013)	4 323	-	4 323	-	-	4 323	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4 323	-	4 323	-	-	4 323	-	-
Vegetables and melons (016)	1 908	-	-	-	-	-	1 908	-
Fruits and tree nuts (017)	3 583	-	-	-	-	-	-	3 583
Horticultural specialties (018)	1 105	-	-	-	-	-	-	-
General farms, primarily crop (019)	2 214	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	13 173	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212)	5 184	-	-	-	-	-	-	-
Dairy farms (024)	6 572	-	-	-	-	-	-	-
Poultry and eggs (025)	594	-	-	-	-	-	-	-
Animal specialties (027)	2 327	-	-	-	-	-	-	-
General farms, primarily livestock (029)	729	-	-	-	-	-	-	-

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
			Total	Beef cattle, except feedlots (0212)				
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	742	1 878	11 408	4 410	5 895	500	1 964	599
Not on farm operated	284	153	911	400	247	49	209	38
Not reported	79	183	854	374	430	45	154	92
Operators by principal occupation:								
Farming	620	795	5 309	1 858	6 152	290	625	451
Other	485	1 419	7 864	3 326	420	304	1 702	278
Operators by days of work off farm:								
None	569	608	3 631	1 392	4 782	200	436	344
Any	469	1 494	8 840	3 526	1 249	356	1 803	318
1 to 99 days	73	162	978	375	558	53	154	58
100 to 199 days	84	256	1 459	615	201	58	277	50
200 days or more	312	1 076	6 403	2 536	490	245	1 372	210
Not reported	67	112	702	266	541	38	88	67
Operators by years on present farm:								
2 years or less	46	74	685	224	284	39	143	23
3 or 4 years	97	159	1 285	405	403	81	322	44
5 to 9 years	196	348	2 279	791	752	130	614	88
10 years or more	598	1 183	6 756	2 824	4 071	257	886	397
Average years on present farm	16.9	18.0	17.1	18.9	20.8	15.4	11.0	21.5
Not reported	168	450	2 168	940	1 062	87	362	177
Operators by age group:								
Under 25 years	14	35	254	83	176	7	36	9
25 to 34 years	143	246	1 772	523	1 031	107	325	75
35 to 44 years	217	560	3 317	1 091	1 512	151	794	168
45 to 54 years	271	554	3 086	1 236	1 579	124	621	164
55 to 64 years	276	475	2 738	1 221	1 689	149	359	202
65 years and over	184	344	2 006	1 030	585	56	192	111
Average age	50.9	50.0	49.2	51.7	47.8	47.6	46.2	50.9
Operators by sex:								
Male	1 033	2 104	12 586	4 924	6 390	554	1 977	693
Female	72	110	587	260	182	40	350	36
Operators of Spanish origin	5	4	23	9	9	2	3	2
FARMS BY TYPE OF ORGANIZATION								
Individual or family—farms	776	2 048	12 104	4 847	5 151	506	2 114	618
acres	39 820	256 087	1 529 939	622 924	1 549 945	44 909	92 268	140 798
Partnership—farms	129	129	931	301	1 338	54	148	96
acres	8 524	47 950	271 961	62 689	632 457	11 250	8 514	55 148
Corporation:								
Family held—farms	178	25	97	26	70	29	53	4
acres	22 825	35 281	72 423	12 320	55 960	9 570	6 316	3 673
More than 10 stockholders—farms	2	1	7	-	1	2	-	-
10 or less stockholders—farms	176	24	90	26	69	27	53	4
Other than family held—farms	20	2	11	1	8	3	7	3
acres	(D)	(D)	11 342	(D)	2 297	(D)	95	1 241
More than 10 stockholders—farms	1	-	1	-	-	-	1	-
10 or less stockholders—farms	19	2	10	1	8	3	6	3
Other—cooperative, estate or trust, institutional, etc.—farms	2	10	30	9	5	2	5	8
acres	(D)	(D)	6 158	(D)	2 044	(D)	2 912	2 897
FARMS BY SIZE								
1 to 9 acres	385	24	929	295	107	105	496	24
10 to 49 acres	403	724	3 804	1 365	137	235	1 250	122
50 to 69 acres	59	186	1 068	449	98	53	176	27
70 to 99 acres	76	344	1 918	826	325	43	162	58
100 to 139 acres	48	259	1 456	604	499	45	99	66
140 to 179 acres	36	207	1 024	471	653	24	43	74
180 to 219 acres	27	111	705	306	635	7	28	55
220 to 259 acres	14	78	524	231	599	11	24	41
260 to 499 acres	27	161	1 146	457	2 236	41	33	149
500 to 999 acres	25	83	440	143	1 119	23	10	82
1,000 to 1,999 acres	3	33	123	31	145	6	6	27
2,000 acres or more	2	4	36	6	19	1	-	4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	-	-	-	-	-	-	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	-	-	-	-	-	-	-	-
Vegetables and melons (016)	-	-	-	-	-	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	1 105	-	-	-	-	-	-	-
General farms, primarily crop (019)	-	2 214	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	-	-	13 173	5 184	-	-	-	-
Beef cattle, except feedlots (0212)	-	-	5 184	5 184	-	-	-	-
Dairy farms (024)	-	-	-	-	6 572	-	-	-
Poultry and eggs (025)	-	-	-	-	-	594	-	-
Animal specialties (027)	-	-	-	-	-	-	2 327	-
General farms, primarily livestock (029)	-	-	-	-	-	-	-	729

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	58 642	22 114	4 323	-	-	4 323	1 908	3 583
	$1,000	2 585 201	704 629	103 464	-	-	103 464	109 562	159 137
Farms by value of sales:									
Less than $2,500		13 718	3 154	1 507	-	-	1 507	294	920
$2,500 to $4,999		7 751	3 058	837	-	-	837	308	376
$5,000 to $9,999		8 741	4 187	828	-	-	828	348	431
$10,000 to $19,999		8 043	4 176	506	-	-	506	268	479
$20,000 to $39,999		6 536	3 279	233	-	-	233	207	445
$40,000 to $99,999		7 233	2 660	171	-	-	171	230	522
$100,000 to $249,999		4 706	1 216	154	-	-	154	149	290
$250,000 to $499,999		1 434	317	61	-	-	61	69	89
$500,000 or more		480	67	26	-	-	26	35	31
Grains	farms	33 997	22 039	1 475	-	-	1 475	512	422
	$1,000	795 053	608 764	18 670	-	-	18 670	8 006	3 173
Sales of $40,000 or more	farms	5 012	3 803	133	-	-	133	60	15
	$1,000	524 359	416 447	11 745	-	-	11 745	4 668	993
Corn for grain	farms	23 664	16 160	759	-	-	759	312	273
	$1,000	438 592	324 753	8 736	-	-	8 736	4 382	2 245
Wheat	farms	14 980	9 624	462	-	-	462	173	107
	$1,000	64 951	44 953	2 109	-	-	2 109	658	306
Soybeans	farms	14 788	11 736	202	-	-	202	216	108
	$1,000	174 318	147 035	1 624	-	-	1 624	2 554	503
Sorghum for grain	farms	18	11	1	-	-	1	-	-
	$1,000	64	39	(D)	-	-	(D)	-	-
Oats	farms	8 994	5 901	560	-	-	560	51	45
	$1,000	20 227	14 812	(D)	-	-	(D)	114	63
Other grains	farms	6 720	4 912	367	-	-	367	76	39
	$1,000	96 900	77 172	5 021	-	-	5 021	298	56
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	11 525	3 357	3 783	-	-	3 783	126	173
	$1,000	47 623	10 430	20 637	-	-	20 637	298	481
Sales of $40,000 or more	farms	114	13	56	-	-	56	1	-
	$1,000	8 418	682	3 934	-	-	3 934	(D)	-
Vegetables, sweet corn, and melons	farms	3 625	398	101	-	-	101	1 906	466
	$1,000	115 464	4 120	2 046	-	-	2 046	91 347	6 683
Sales of $40,000 or more	farms	558	28	15	-	-	15	419	46
	$1,000	92 346	1 955	1 584	-	-	1 584	77 919	3 492
Fruits, nuts, and berries	farms	4 367	205	74	-	-	74	345	3 262
	$1,000	162 090	1 320	249	-	-	249	4 209	145 225
Sales of $40,000 or more	farms	967	8	1	-	-	1	29	886
	$1,000	133 368	541	(D)	-	-	(D)	2 666	121 273
Nursery and greenhouse products	farms	1 368	21	4	-	-	4	125	49
	$1,000	139 682	138	4	-	-	4	1 982	733
Sales of $40,000 or more	farms	444	1	-	-	-	-	12	2
	$1,000	131 486	(D)	-	-	-	-	1 296	(D)
Other crops	farms	2 012	897	599	-	-	599	113	25
	$1,000	104 367	31 034	58 865	-	-	58 865	1 809	120
Sales of $40,000 or more	farms	672	267	299	-	-	299	12	1
	$1,000	86 779	21 384	54 743	-	-	54 743	1 238	(D)
Poultry and poultry products	farms	3 097	566	153	-	-	153	86	51
	$1,000	101 258	1 408	58	-	-	58	38	16
Sales of $40,000 or more	farms	267	12	-	-	-	-	-	-
	$1,000	(D)	1 047	-	-	-	-	-	-
Dairy products	farms	7 584	232	19	-	-	19	4	8
	$1,000	611 698	7 748	352	-	-	352	80	580
Sales of $40,000 or more	farms	4 738	61	3	-	-	3	1	6
	$1,000	558 808	5 617	217	-	-	217	(D)	(D)
Cattle and calves	farms	22 841	3 926	697	-	-	697	125	171
	$1,000	294 808	21 624	2 011	-	-	2 011	1 303	1 146
Sales of $40,000 or more	farms	889	61	3	-	-	3	6	5
	$1,000	171 059	5 441	(D)	-	-	(D)	912	377
Hogs and pigs	farms	7 190	1 662	138	-	-	138	67	43
	$1,000	182 584	16 585	233	-	-	233	437	844
Sales of $40,000 or more	farms	1 012	96	-	-	-	-	4	3
	$1,000	(D)	7 517	-	-	-	-	297	(D)
Sheep, lambs, and wool	farms	2 308	542	120	-	-	120	12	28
	$1,000	5 207	1 010	145	-	-	145	3	23
Sales of $40,000 or more	farms	13	1	1	-	-	1	-	-
	$1,000	1 197	(D)	(D)	-	-	(D)	-	-
Other livestock and livestock products (see text)	farms	3 692	364	193	-	-	193	51	79
	$1,000	25 366	448	195	-	-	195	49	114
Sales of $40,000 or more	farms	96	-	-	-	-	-	-	-
	$1,000	14 767	-	-	-	-	-	-	-
FARM-RELATED INCOME AND DIRECT SALES									
Income from machine work, customwork, and other agricultural services	farms	4 371	1 945	283	-	-	283	112	222
	$1,000	12 300	5 615	480	-	-	480	611	1 244
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	6 907	994	306	-	-	306	838	1 224
	$1,000	30 266	1 894	691	-	-	691	6 815	11 912

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
				Total	Beef cattle, except feedlots (0212)				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	1 105	2 214	13 173	5 184	6 572	594	2 327	729
	$1,000	142 893	57 095	419 917	57 544	712 031	104 767	23 941	47 766
Farms by value of sales:									
Less than $2,500		136	1 222	4 625	2 338	45	261	1 306	248
$2,500 to $4,999		136	112	2 398	1 079	49	38	396	43
$5,000 to $9,999		149	206	2 040	843	194	15	286	57
$10,000 to $19,999		135	243	1 554	491	462	18	143	59
$20,000 to $39,999		116	182	907	224	991	17	94	65
$40,000 to $99,999		169	125	798	123	2 319	58	65	116
$100,000 to $249,999		149	78	510	57	1 947	95	27	91
$250,000 to $499,999		69	35	207	17	495	45	9	38
$500,000 or more		46	11	134	12	70	47	1	12
Grains	farms	74	996	4 237	975	3 542	172	86	442
	$1,000	1 202	19 749	49 891	4 486	65 169	6 084	240	14 105
Sales of $40,000 or more	farms	10	103	282	18	447	45	-	114
	$1,000	885	13 079	28 163	1 553	33 231	4 574	-	10 575
Corn for grain	farms	29	773	2 466	531	2 374	139	36	343
	$1,000	621	11 059	27 971	2 805	43 850	4 913	147	9 914
Wheat	farms	15	442	1 942	332	1 863	67	19	266
	$1,000	33	2 008	6 252	635	7 111	265	22	1 234
Soybeans	farms	40	274	1 161	107	838	38	22	153
	$1,000	458	2 257	10 253	475	7 649	362	41	1 584
Sorghum for grain	farms	-	2	3	-	1	-	-	-
	$1,000	-	(D)	19	-	(D)	-	-	-
Oats	farms	7	326	1 077	312	846	42	25	114
	$1,000	13	(D)	1 219	272	(D)	69	21	229
Other grains	farms	8	209	443	77	542	20	4	100
	$1,000	78	3 826	4 177	299	4 644	475	9	1 144
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $40,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	32	780	2 082	731	816	54	162	160
	$1,000	74	3 944	5 404	1 521	5 041	184	344	786
Sales of $40,000 or more	farms	-	10	12	3	19	-	-	3
	$1,000	-	692	1 343	202	1 546	-	-	(D)
Vegetables, sweet corn, and melons	farms	101	266	250	59	59	27	20	31
	$1,000	1 133	7 818	1 514	116	461	136	20	187
Sales of $40,000 or more	farms	5	34	9	-	1	-	-	1
	$1,000	(D)	5 970	765	-	(D)	-	-	(D)
Fruits, nuts, and berries	farms	47	158	152	34	70	13	19	22
	$1,000	3 801	4 524	1 068	38	1 281	184	57	172
Sales of $40,000 or more	farms	5	16	8	-	12	1	-	1
	$1,000	3 640	3 565	622	-	820	(D)	-	(D)
Nursery and greenhouse products	farms	1 105	38	18	5	1	2	2	3
	$1,000	(D)	618	25	7	(D)	(D)	(D)	1
Sales of $40,000 or more	farms	426	3	-	-	-	-	-	-
	$1,000	129 432	276	-	-	-	-	-	-
Other crops	farms	11	182	100	20	61	8	-	16
	$1,000	338	6 038	4 468	103	1 036	199	-	461
Sales of $40,000 or more	farms	4	50	27	1	5	2	-	5
	$1,000	325	4 342	3 981	(D)	331	(D)	-	301
Poultry and poultry products	farms	12	109	1 082	308	202	586	76	174
	$1,000	4	113	1 178	127	495	95 588	10	2 350
Sales of $40,000 or more	farms	-	-	5	-	2	238	-	10
	$1,000	-	-	(D)	-	(D)	94 296	-	1 910
Dairy products	farms	-	68	299	156	6 564	10	2	378
	$1,000	-	3 649	5 410	2 637	575 247	(D)	(D)	18 066
Sales of $40,000 or more	farms	-	31	47	23	4 444	4	-	141
	$1,000	-	3 069	3 566	1 648	530 716	508	-	14 514
Cattle and calves	farms	19	725	9 976	4 860	6 538	73	118	473
	$1,000	140	6 366	193 080	46 905	60 034	668	184	8 253
Sales of $40,000 or more	farms	1	27	554	169	174	6	-	52
	$1,000	(D)	2 383	145 081	24 500	11 568	406	-	4 666
Hogs and pigs	farms	2	257	4 364	309	401	66	49	141
	$1,000	(D)	3 982	153 452	1 230	(D)	1 101	62	2 993
Sales of $40,000 or more	farms	-	21	850	5	9	10	-	19
	$1,000	-	2 386	128 282	729	1 099	798	-	2 136
Sheep, lambs, and wool	farms	7	74	1 281	211	133	20	45	46
	$1,000	3	147	3 468	199	163	12	11	221
Sales of $40,000 or more	farms	-	-	10	-	-	-	-	1
	$1,000	-	-	884	-	-	-	-	(D)
Other livestock and livestock products (see text)	farms	15	67	821	254	127	33	1 852	90
	$1,000	23	148	959	175	207	42	23 013	169
Sales of $40,000 or more	farms	-	1	2	-	-	-	93	-
	$1,000	-	(D)	(D)	-	-	-	14 517	-
FARM-RELATED INCOME AND DIRECT SALES									
Income from machine work, customwork, and other agricultural services	farms	24	162	753	167	690	53	50	77
	$1,000	181	321	1 603	233	1 489	322	204	230
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	77	271	2 451	579	282	195	168	101
	$1,000	422	1 087	5 066	861	736	924	477	241

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
COMMODITY CREDIT CORPORATION LOANS								
Amount received — farms	3 791	2 526	64	-	-	64	44	30
$1,000	136 699	98 286	2 407	-	-	2 407	1 031	429
Feed grains — farms	3 085	1 997	53	-	-	53	35	29
$1,000	114 468	79 862	2 104	-	-	2 104	864	(D)
Wheat — farms	505	307	13	-	-	13	6	2
$1,000	3 166	2 063	30	-	-	30	35	(D)
Cotton — farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey — farms	925	749	4	-	-	4	9	-
$1,000	19 065	16 361	273	-	-	273	132	-
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased — farms	16 843	3 391	693	-	-	693	184	206
$1,000	169 533	13 189	936	-	-	936	788	816
Farms with expenses of—								
$1 to $4,999	13 092	2 871	664	-	-	664	167	188
$5,000 to $19,999	2 291	355	24	-	-	24	10	11
$20,000 to $49,999	850	126	5	-	-	5	4	4
$50,000 or more	610	39	-	-	-	-	3	3
Feed for livestock and poultry — farms	27 172	4 711	1 146	-	-	1 146	243	350
$1,000	254 266	9 836	947	-	-	947	375	508
Farms with expenses of—								
$1 to $4,999	19 647	4 348	1 124	-	-	1 124	232	336
$5,000 to $19,999	4 797	286	20	-	-	20	7	10
$20,000 to $79,999	2 301	70	2	-	-	2	4	3
$80,000 or more	427	7	-	-	-	-	-	1
Commercially mixed formula feeds — farms	14 427	1 698	384	-	-	384	111	158
tons	860 366	21 700	1 694	-	-	1 694	889	1 237
$1,000	153 346	4 288	318	-	-	318	143	236
Farms by tons purchased:								
1 to 99 tons	13 046	1 669	384	-	-	384	108	156
100 to 499 tons	1 133	23	-	-	-	-	3	2
500 tons or more	248	6	-	-	-	-	-	-
Farms with expenses of—								
$1 to $4,999	9 696	1 515	373	-	-	373	107	154
$5,000 to $19,999	3 275	149	11	-	-	11	3	2
$20,000 to $49,999	978	26	-	-	-	-	1	1
$50,000 or more	478	8	-	-	-	-	-	1
Seeds, bulbs, plants, and trees — farms	41 833	20 012	2 418	-	-	2 418	1 574	1 335
$1,000	105 102	46 883	7 801	-	-	7 801	4 786	3 174
Farms with expenses of—								
$1 to $999	22 667	9 979	1 827	-	-	1 827	931	779
$1,000 to $4,999	14 185	7 606	328	-	-	328	411	412
$5,000 to $9,999	3 205	1 579	96	-	-	96	120	83
$10,000 or more	1 776	848	167	-	-	167	112	61
Commercial fertilizer — farms	42 990	19 713	2 489	-	-	2 489	1 718	2 713
$1,000	241 914	125 480	11 385	-	-	11 385	7 549	6 079
Farms with expenses of—								
$1 to $999	16 702	5 935	1 548	-	-	1 548	946	1 566
$1,000 to $4,999	14 922	8 237	560	-	-	560	461	823
$5,000 to $19,999	8 465	4 004	215	-	-	215	218	289
$20,000 or more	2 901	1 537	166	-	-	166	93	35
Other agricultural chemicals — farms	37 489	17 961	1 479	-	-	1 479	1 651	3 342
$1,000	114 084	50 800	6 235	-	-	6 235	9 595	17 423
Farms with expenses of—								
$1 to $999	19 590	8 722	913	-	-	913	829	1 512
$1,000 to $4,999	12 206	6 577	320	-	-	320	420	953
$5,000 to $19,999	4 730	2 289	162	-	-	162	287	669
$20,000 or more	963	373	84	-	-	84	115	208
Hired farm labor — farms	21 550	6 248	1 382	-	-	1 382	1 001	2 190
$1,000	185 819	21 436	8 426	-	-	8 426	19 335	32 567
Farms with expenses of—								
$1 to $4,999	15 616	5 269	1 154	-	-	1 154	570	1 276
$5,000 to $19,999	3 986	786	135	-	-	135	251	544
$20,000 to $49,999	1 305	151	48	-	-	48	91	206
$50,000 or more	643	42	45	-	-	45	89	164
Workers by days worked:								
150 days or more — farms	7 434	1 330	293	-	-	293	315	806
workers	20 204	2 322	899	-	-	899	1 565	2 635
Less than 150 days — farms	18 695	5 619	1 278	-	-	1 278	947	2 115
workers	109 743	20 246	5 937	-	-	5 937	15 684	32 973
Contract labor — farms	2 510	595	220	-	-	220	224	608
$1,000	14 445	1 856	1 034	-	-	1 034	3 641	4 981
Farms with expenses of—								
$1 to $999	1 084	277	143	-	-	143	63	169
$1,000 to $4,999	908	195	50	-	-	50	94	271
$5,000 to $19,999	369	115	16	-	-	16	27	103
$20,000 or more	149	8	11	-	-	11	40	65
Customwork, machine hire, and rental of machinery and equipment — farms	20 666	8 636	1 223	-	-	1 223	621	1 349
$1,000	30 383	12 438	1 756	-	-	1 756	1 522	3 294
Farms with expenses of—								
$1 to $999	13 152	5 232	859	-	-	859	373	643
$1,000 to $4,999	6 232	2 875	288	-	-	288	149	532
$5,000 to $19,999	1 184	513	62	-	-	62	86	162
$20,000 or more	98	16	14	-	-	14	13	12

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
				Total	Beef cattle, except feedlots (0212)				
COMMODITY CREDIT CORPORATION LOANS									
Amount received	farms	3	81	436	46	491	25	28	63
	$1,000	185	4 624	14 956	759	10 532	1 034	327	2 889
Feed grains	farms	3	71	378	41	435	24	2	58
	$1,000	(D)	4 004	13 801	739	9 547	997	(D)	2 697
Wheat	farms	-	27	57	6	79	1	1	12
	$1,000	-	426	182	(D)	322	(D)	(D)	91
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Soybeans, peanuts, rye, rice, tobacco, and honey	farms	1	8	69	1	50	2	25	8
	$1,000	(D)	194	973	(D)	663	(D)	303	101
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	28	722	7 458	2 295	2 228	526	1 043	364
	$1,000	43	3 705	108 989	13 131	18 186	15 276	3 785	3 820
Farms with expenses of—									
$1 to $4,999		26	602	5 812	1 926	1 414	234	865	249
$5,000 to $19,999		2	84	915	249	597	93	141	59
$20,000 to $49,999		-	26	350	78	153	123	23	36
$50,000 or more		-	10	381	42	64	76	14	20
Feed for livestock and poultry	farms	74	1 132	10 482	3 670	6 041	562	1 904	527
	$1,000	54	2 417	73 882	9 594	96 804	55 553	7 980	5 908
Farms with expenses of—									
$1 to $4,999		71	1 040	8 641	3 462	1 610	238	1 679	328
$5,000 to $19,999		3	73	1 116	160	2 947	29	160	146
$20,000 to $79,999		-	17	565	31	1 380	163	52	45
$80,000 or more		-	2	160	17	104	132	13	8
Commercially mixed formula feeds	farms	24	384	3 894	1 102	6 026	549	806	393
	tons	32	4 909	145 811	19 099	291 777	356 689	18 334	17 294
	$1,000	5	999	27 596	4 169	57 755	55 250	3 393	3 361
Farms by tons purchased:									
1 to 99 tons		24	374	3 596	1 072	5 344	252	774	365
100 to 499 tons		-	10	234	20	648	163	28	22
500 tons or more		-	-	64	10	34	134	4	6
Farms with expenses of—									
$1 to $4,999		24	338	3 116	1 028	2 867	226	717	259
$5,000 to $19,999		-	38	463	47	2 410	29	64	106
$20,000 to $49,999		-	6	190	7	627	90	17	20
$50,000 or more		-	2	125	20	122	204	8	8
Seeds, bulbs, plants, and trees	farms	569	1 333	7 295	2 148	6 092	287	403	515
	$1,000	10 462	2 950	9 807	1 098	16 709	570	131	1 829
Farms with expenses of—									
$1 to $999		212	904	5 426	1 931	1 879	146	377	207
$1,000 to $4,999		169	309	1 414	199	3 214	100	26	196
$5,000 to $9,999		74	66	294	12	799	32	-	62
$10,000 or more		114	54	161	6	200	9	-	50
Commercial fertilizer	farms	622	1 360	7 450	2 436	5 814	219	414	478
	$1,000	1 617	6 649	27 563	3 241	48 564	1 658	200	5 170
Farms with expenses of—									
$1 to $999		411	756	4 193	1 709	746	79	381	141
$1,000 to $4,999		140	367	2 104	619	2 060	56	31	83
$5,000 to $19,999		56	161	858	90	2 428	58	2	176
$20,000 or more		15	76	295	18	580	26	-	78
Other agricultural chemicals	farms	737	1 038	5 280	1 289	5 174	220	182	425
	$1,000	1 611	3 201	9 184	695	13 900	476	39	1 621
Farms with expenses of—									
$1 to $999		572	684	3 821	1 140	2 072	119	177	169
$1,000 to $4,999		115	222	1 001	128	2 376	72	5	145
$5,000 to $19,999		37	103	386	21	666	29	-	102
$20,000 or more		13	29	72	-	60	-	-	9
Hired farm labor	farms	644	564	3 925	1 392	4 179	317	834	266
	$1,000	32 384	4 563	14 119	2 442	41 953	5 382	3 253	2 402
Farms with expenses of—									
$1 to $4,999		270	462	3 426	1 324	2 053	210	767	159
$5,000 to $19,999		163	64	346	51	1 532	48	43	74
$20,000 to $49,999		86	19	116	12	506	40	16	26
$50,000 or more		125	19	37	5	88	19	8	7
Workers by days worked:									
150 days or more	farms	374	96	956	247	2 698	175	254	137
	workers	3 214	511	1 718	365	5 797	681	579	283
Less than 150 days	farms	544	529	3 457	1 263	2 996	274	722	214
	workers	6 712	4 191	9 820	3 619	9 508	1 642	2 214	816
Contract labor	farms	95	74	251	63	201	51	117	74
	$1,000	836	252	532	189	600	344	159	209
Farms with expenses of—									
$1 to $999		38	42	135	32	93	29	60	35
$1,000 to $4,999		30	17	97	21	65	5	50	34
$5,000 to $19,999		16	13	14	8	40	15	7	3
$20,000 or more		11	2	5	2	3	2	-	2
Customwork, machine hire, and rental of machinery and equipment	farms	182	645	4 092	1 335	3 079	159	434	246
	$1,000	432	781	3 344	655	6 029	201	259	327
Farms with expenses of—									
$1 to $999		121	463	3 232	1 180	1 586	113	378	152
$1,000 to $4,999		47	159	778	147	1 228	40	54	82
$5,000 to $19,999		8	20	72	8	243	5	1	12
$20,000 or more		6	3	10	-	22	1	1	-

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
SELECTED FARM PRODUCTION EXPENSES[1]—Con.									
Energy and petroleum products	farms	58 417	21 965	4 328	-	-	4 328	1 935	3 617
	$1,000	228 394	78 155	11 363	-	-	11 363	8 603	12 081
Farms with expenses of—									
$1 to $999		24 855	7 729	2 598	-	-	2 598	958	1 801
$1,000 to $4,999		21 632	10 172	1 289	-	-	1 289	623	1 216
$5,000 to $19,999		10 049	3 490	343	-	-	343	274	505
$20,000 or more		1 881	574	98	-	-	98	80	95
Petroleum products	farms	58 356	21 965	4 308	-	-	4 308	1 935	3 617
	$1,000	181 191	68 868	9 178	-	-	9 178	7 047	9 222
Gasoline and gasohol	farms	53 774	19 976	4 024	-	-	4 024	1 824	3 486
	$1,000	70 655	24 404	4 033	-	-	4 033	3 269	5 331
Diesel fuel	farms	32 761	14 584	1 875	-	-	1 875	912	1 707
	$1,000	70 934	30 760	3 874	-	-	3 874	2 441	2 557
LP gas, butane, and propane	farms	7 807	2 971	316	-	-	316	240	512
	$1,000	16 046	7 818	414	-	-	414	529	374
Fuel oil and kerosene	farms	4 420	1 170	315	-	-	315	234	386
	$1,000	2 857	555	128	-	-	128	183	258
Natural gas	farms	1 814	533	67	-	-	67	90	79
	$1,000	10 333	1 344	173	-	-	173	258	173
Motor oil and grease	farms	58 356	21 965	4 308	-	-	4 308	1 935	3 617
	$1,000	10 366	3 988	556	-	-	556	367	530
Electricity	farms	42 581	14 904	2 864	-	-	2 864	1 197	2 573
	$1,000	45 667	8 799	2 074	-	-	2 074	1 502	2 801
Other—coal, wood, coke, etc.	farms	3 720	1 118	356	-	-	356	159	190
	$1,000	1 536	488	111	-	-	111	53	59
Interest expense	farms	27 193	10 640	1 383	-	-	1 383	845	1 664
	$1,000	273 637	96 150	11 378	-	-	11 378	7 235	12 735
Farms with expenses of—									
$1 to $999		6 547	2 540	443	-	-	443	229	453
$1,000 to $4,999		9 752	3 911	488	-	-	488	353	572
$5,000 to $9,999		4 093	1 745	218	-	-	218	101	314
$10,000 or more		6 801	2 444	234	-	-	234	162	325
Farms reporting no interest expense (see text)		28 694	10 352	2 735	-	-	2 735	1 034	1 748
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	58 530	21 970	4 330	-	-	4 330	1 935	3 627
	$1,000	2 674 025	1 103 434	147 162	-	-	147 162	88 620	147 100
Farms by value group:									
$1 to $4,999		4 383	1 197	455	-	-	455	226	381
$5,000 to $9,999		12 499	3 505	1 297	-	-	1 297	375	772
$10,000 to $19,999		10 999	4 220	942	-	-	942	325	702
$20,000 to $49,999		14 187	5 744	943	-	-	943	552	862
$50,000 to $99,999		8 350	3 959	326	-	-	326	225	484
$100,000 to $199,999		5 653	2 383	227	-	-	227	139	314
$200,000 to $499,999		2 278	892	125	-	-	125	79	106
$500,000 or more		181	70	15	-	-	15	14	6
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles	farms	41 140	16 223	2 805	-	-	2 805	1 281	2 294
	number	58 638	22 984	4 066	-	-	4 066	1 891	3 298
Motortrucks, including pickups	farms	49 532	18 954	3 329	-	-	3 329	1 666	2 939
	number	80 281	31 873	5 329	-	-	5 329	3 303	5 438
Wheel tractors	farms	53 610	20 584	3 949	-	-	3 949	1 845	3 326
	number	146 541	55 880	9 164	-	-	9 164	6 103	9 669
2 or 3	farms	26 620	11 675	1 888	-	-	1 888	779	1 364
	number	64 556	28 511	4 525	-	-	4 525	1 814	3 249
4 or more	farms	13 344	4 799	632	-	-	632	543	937
	number	68 339	23 259	3 210	-	-	3 210	3 766	5 395
Grain and bean combines, self-propelled only	farms	19 289	11 844	834	-	-	834	246	130
	number	21 053	13 166	897	-	-	897	278	134
Corn heads for combines	farms	12 359	7 691	383	-	-	383	139	86
	number	13 576	8 462	475	-	-	475	151	105
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	19 522	4 673	1 809	-	-	1 809	198	456
	number	21 047	4 921	2 295	-	-	2 295	236	624
Pickup balers	farms	23 277	6 421	2 102	-	-	2 102	165	281
	number	25 041	6 668	2 281	-	-	2 281	167	287
Field forage harvesters, shear bar or flywheel	farms	9 970	1 736	457	-	-	457	99	144
	number	11 798	2 065	505	-	-	505	119	145
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	43 010	19 719	2 489	-	-	2 489	1 718	2 713
	acres on which used	5 968 479	3 211 932	227 471	-	-	227 471	129 212	166 229
Lime	farms	6 749	2 236	447	-	-	447	358	434
	acres on which used	252 250	98 313	15 945	-	-	15 945	12 634	12 000
	tons	506 093	199 003	26 362	-	-	26 362	21 027	22 815
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay end other crops	farms	15 585	5 766	598	-	-	598	1 399	2 629
	acres on which used	1 810 103	851 880	81 112	-	-	81 112	84 882	139 493

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
				Total	Beef cattle, except feedlots (0212)				
SELECTED FARM PRODUCTION EXPENSES[1]—Con.									
Energy and petroleum products	farms	1 086	2 330	12 781	5 059	6 542	601	2 506	726
	$1,000	14 363	5 247	29 856	6 316	57 203	4 690	2 461	4 372
Farms with expenses of—									
$1 to $999		405	1 541	7 114	3 232	223	274	1 953	259
$1,000 to $4,999		335	585	4 296	1 629	2 226	149	498	243
$5,000 to $19,999		186	154	1 160	182	3 590	122	49	176
$20,000 or more		160	50	211	16	503	56	6	48
Petroleum products	farms	1 086	2 330	12 753	5 054	6 542	601	2 493	726
	$1,000	11 792	4 401	23 144	4 682	39 598	2 847	1 657	3 437
Gasoline and gasohol	farms	1 017	2 124	11 687	4 584	6 108	569	2 292	667
	$1,000	2 758	2 024	10 021	2 602	15 520	1 079	1 081	1 135
Diesel fuel	farms	408	984	5 671	2 012	5 384	211	573	452
	$1,000	1 053	1 648	8 054	1 269	18 199	663	247	1 438
LP gas, butane, and propane	farms	173	136	1 310	203	1 708	136	129	176
	$1,000	361	384	2 739	244	2 361	462	60	542
Fuel oil and kerosene	farms	164	127	881	329	809	46	224	64
	$1,000	626	38	354	110	575	37	83	21
Natural gas	farms	253	38	299	99	283	62	59	51
	$1,000	6 770	60	498	84	408	493	49	108
Motor oil and grease	farms	1 086	2 330	12 753	5 054	6 542	601	2 493	726
	$1,000	224	247	1 477	372	2 535	114	136	193
Electricity	farms	838	1 491	9 764	3 726	6 091	485	1 779	595
	$1,000	2 473	806	6 354	1 505	17 339	1 833	767	920
Other—coal, wood, coke, etc.	farms	115	121	940	412	460	34	177	50
	$1,000	97	40	358	130	267	9	38	16
Interest expense	farms	424	615	5 270	1 586	4 770	265	909	408
	$1,000	7 604	6 439	43 469	6 987	74 222	5 577	3 284	5 543
Farms with expenses of—									
$1 to $999		90	168	1 661	587	601	47	237	78
$1,000 to $4,999		168	246	2 092	672	1 179	92	491	160
$5,000 to $9,999		55	64	655	176	754	26	118	43
$10,000 or more		111	137	862	151	2 236	100	63	127
Farms reporting no interest expense (see text)		584	1 619	6 959	3 278	1 505	289	1 575	294
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	1 086	2 352	12 830	5 101	6 542	601	2 531	726
	$1,000	47 341	70 972	372 225	104 114	586 834	30 370	36 597	43 371
Farms by value group:									
$1 to $4,999		97	208	1 328	550	68	35	374	14
$5,000 to $9,999		236	948	3 629	1 779	272	210	1 096	159
$10,000 to $19,999		169	374	2 932	1 080	582	86	557	110
$20,000 to $49,999		317	502	3 026	1 219	1 542	87	406	206
$50,000 to $99,999		138	187	1 033	311	1 734	87	80	97
$100,000 to $199,999		83	78	667	148	1 607	66	12	77
$200,000 to $499,999		40	48	193	13	705	26	5	59
$500,000 or more		6	7	22	1	32	4	1	4
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles	farms	590	1 507	8 424	3 181	5 710	443	1 323	540
	number	964	2 076	11 359	4 101	8 652	672	1 874	802
Motortrucks, including pickups	farms	896	1 788	10 753	3 992	6 003	512	2 087	605
	number	2 291	2 559	14 792	5 185	9 953	907	2 766	1 070
Wheel tractors	farms	875	2 094	11 691	4 658	6 269	535	1 790	652
	number	2 582	4 749	27 043	9 796	25 061	1 354	2 818	2 118
2 or 3	farms	380	958	6 117	2 565	2 331	199	626	303
	number	897	2 230	14 470	5 885	6 210	468	1 438	744
4 or more	farms	208	332	1 883	537	3 583	135	63	229
	number	1 398	1 715	8 882	2 355	18 496	685	279	1 254
Grain and bean combines, self-propelled only	farms	53	486	2 533	639	2 630	147	74	312
	number	53	516	2 657	659	2 782	155	74	341
Corn heads for combines	farms	24	283	1 631	238	1 762	93	15	252
	number	24	305	1 771	257	1 890	102	15	276
Cottonpickers and stnppers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	79	888	5 070	2 243	5 365	130	465	389
	number	104	903	5 274	2 306	5 654	130	499	407
Pickup balers	farms	63	1 199	6 400	2 801	5 577	113	477	479
	number	70	1 244	6 805	2 998	6 364	114	526	515
Field forage harvesters, shear bar or flywheel	farms	25	352	2 124	784	4 572	53	133	275
	number	26	406	2 394	890	5 625	55	154	304
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	622	1 360	7 457	2 443	5 814	219	421	478
	acres on which used	25 337	151 989	670 021	95 583	1 229 998	32 427	7 132	116 731
Lime	farms	79	184	1 337	459	1 445	30	99	100
	acres on which used	1 114	7 188	37 902	7 539	60 285	1 614	916	4 339
	tons	1 811	18 742	76 314	16 884	126 831	3 077	1 525	8 586
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms	464	455	1 927	429	2 013	110	43	181
	acres on which used	12 219	44 685	221 654	15 680	320 812	9 732	938	42 696

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
AGRICULTURAL CHEMICALS[1]—Con.									
Sprays, dusts, granules, fumigants, etc., to control—Con.									
Nematodes in crops	farms	2 473	935	142	-	-	142	190	404
	acres on which used	275 544	131 509	23 851	-	-	23 851	9 172	12 474
Diseases in crops and orchards	farms	5 391	957	332	-	-	332	746	2 356
	acres on which used	344 933	73 700	39 492	-	-	39 492	48 371	123 701
Weeds, grass, or brush in crops and pasture	farms	30 424	15 611	1 189	-	-	1 189	1 172	1 790
	acres on which used	4 285 002	2 584 297	150 607	-	-	150 607	94 525	90 663
Chemicals for defoliation, growth control of crops, or thinning of fruit	farms	1 998	507	105	-	-	105	112	909
	acres on which used	127 527	45 003	14 546	-	-	14 546	5 405	38 105
LIVESTOCK									
Cattle and calves inventory	farms	25 647	5 081	1 052	-	-	1 052	195	219
	number	1 341 257	115 758	14 703	-	-	14 703	3 946	5 342
Farms with—									
1 to 9		7 525	2 254	631	-	-	631	121	108
10 to 49		10 717	2 300	368	-	-	368	61	83
50 to 99		3 690	355	42	-	-	42	8	18
100 to 199		2 432	127	9	-	-	9	2	7
200 to 499		1 112	44	2	-	-	2	2	3
500 or more		171	1	-	-	-	-	1	-
Cows and heifers that had calved	farms	18 723	2 786	603	-	-	603	106	138
	number	537 477	34 686	4 895	-	-	4 895	729	1 693
Beef cows	farms	10 806	2 378	540	-	-	540	90	119
	number	140 158	27 135	4 434	-	-	4 434	614	1 283
Farms with—									
1 to 9		6 600	1 518	390	-	-	390	68	80
10 to 49		3 821	788	142	-	-	142	22	36
50 to 99		277	47	6	-	-	6	-	3
100 to 199		80	22	2	-	-	2	-	-
200 to 499		21	2	-	-	-	-	-	-
500 or more		7	1	-	-	-	-	-	-
Milk cows	farms	9 137	531	93	-	-	93	22	25
	number	397 319	7 551	461	-	-	461	115	410
Farms with—									
1 to 4		1 599	276	78	-	-	78	18	16
5 to 9		414	53	5	-	-	5	1	2
10 to 49		4 083	161	8	-	-	8	3	5
50 to 99		2 083	33	2	-	-	2	-	1
100 to 199		838	8	-	-	-	-	-	1
200 to 499		113	-	-	-	-	-	-	-
500 or more		7	-	-	-	-	-	-	-
Heifers and heifer calves	farms	18 586	2 920	652	-	-	652	110	130
	number	421 002	29 675	4 129	-	-	4 129	842	1 414
Steers, steer calves, bulls, and bull calves	farms	21 592	4 363	878	-	-	878	141	174
	number	382 778	51 397	5 679	-	-	5 679	2 375	2 235
Cattle and calves sold	farms	22 841	3 926	697	-	-	697	125	171
	number	639 849	46 739	5 711	-	-	5 711	2 459	2 503
	$1,000	294 808	21 624	2 011	-	-	2 011	1 303	1 146
Calves	farms	10 734	1 126	276	-	-	276	44	54
	number	174 855	10 470	1 910	-	-	1 910	294	588
	$1,000	27 672	2 005	336	-	-	336	35	108
Cattle	farms	20 491	3 514	579	-	-	579	109	158
	number	464 994	36 269	3 801	-	-	3 801	2 165	1 915
	$1,000	267 137	19 619	1 674	-	-	1 674	1 268	1 037
Fattened on grain and concentrates	farms	9 025	2 152	238	-	-	238	65	88
	number	278 412	24 195	1 431	-	-	1 431	1 894	1 329
	$1,000	173 440	13 969	723	-	-	723	1 140	804
Hogs and pigs inventory	farms	7 429	1 739	186	-	-	186	91	59
	number	1 062 335	125 418	2 477	-	-	2 477	2 620	7 097
Farms with—									
1 to 24		3 775	929	163	-	-	163	78	45
25 to 49		899	272	13	-	-	13	4	3
50 to 99		793	190	5	-	-	5	3	3
100 to 199		737	164	5	-	-	5	2	4
200 to 499		677	146	-	-	-	-	2	2
500 or more		548	38	-	-	-	-	2	2
Used or to be used for breeding	farms	4 687	995	86	-	-	86	32	26
	number	154 268	14 985	456	-	-	456	320	469
Other	farms	8 880	1 626	168	-	-	168	84	55
	number	908 067	110 433	2 021	-	-	2 021	2 300	6 628
Hogs and pigs sold	farms	7 190	1 662	138	-	-	138	67	43
	number	1 732 619	160 965	2 375	-	-	2 375	3 870	6 572
	$1,000	182 584	16 585	233	-	-	233	437	844
Feeder pigs	farms	2 184	363	44	-	-	44	15	8
	number	388 321	37 202	689	-	-	689	366	130
	$1,000	19 044	1 681	29	-	-	29	13	7
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms	4 965	1 050	92	-	-	92	35	33
	number	202 305	18 792	361	-	-	361	462	524
Dec. 1 and May 31	farms	4 102	823	61	-	-	61	22	23
	number	96 366	8 874	141	-	-	141	208	195
June 1 and Nov. 30	farms	4 134	861	48	-	-	48	28	26
	number	105 939	9 918	220	-	-	220	254	329

See footnotes at end of table.

Table 50. Summary by Standard Industrial Classification of Farm: 1982—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
			Total	Beef cattle, except feedlots (0212)				
AGRICULTURAL CHEMICALS[1]—Con.								
Sprays, dusts, granules, fumigants, etc., to control—Con.								
Nematodes in crops ---- farms	125	34	307	73	288	4	-	44
acres on which used	2 540	2 919	40 736	3 288	45 246	780	-	6 317
Diseases in crops and orchards ---- farms	257	194	310	63	200	15	8	16
acres on which used	4 347	18 196	16 164	869	18 723	394	41	1 804
Weeds, grass, or brush in crops and pasture ---- farms	404	859	4 227	972	4 477	161	152	382
acres on which used	18 424	110 748	433 132	41 244	697 310	24 828	2 093	78 375
Chemicals for defoliation, growth control of crops, or thinning of fruit ---- farms	71	38	132	15	105	3	1	15
acres on which used	1 317	2 724	6 937	196	11 731	(D)	(D)	1 674
LIVESTOCK								
Cattle and calves inventory ---- farms	37	1 106	10 311	4 882	6 562	185	306	593
number	413	27 262	406 550	151 478	727 270	3 392	2 070	34 551
Farms with—								
1 to 9	24	592	3 150	1 231	66	137	263	179
10 to 49	12	373	5 629	2 977	1 615	33	40	203
50 to 99	1	88	921	467	2 148	8	1	100
100 to 199	-	36	326	131	1 846	4	2	73
200 to 499	-	15	184	58	824	3	-	35
500 or more	-	2	101	18	63	-	-	3
Cows and heifers that had calved ---- farms	21	668	7 052	3 846	6 554	114	162	519
number	175	7 173	101 981	55 554	369 317	1 137	720	14 971
Beef cows ---- farms	20	556	6 302	3 478	432	93	130	146
number	(D)	4 314	93 532	51 066	5 802	779	(D)	1 420
Farms with—								
1 to 9	13	431	3 557	1 868	258	78	114	93
10 to 49	7	116	2 486	1 457	145	13	15	51
50 to 99	-	8	188	114	23	1	-	1
100 to 199	-	1	47	29	5	1	1	1
200 to 499	-	-	18	9	1	-	-	-
500 or more	-	-	6	1	-	-	-	-
Milk cows ---- farms	2	159	1 242	629	6 552	34	36	441
number	(D)	2 859	8 449	4 488	363 515	358	(D)	13 551
Farms with—								
1 to 4	2	92	900	436	58	27	36	96
5 to 9	-	13	151	88	155	1	-	33
10 to 49	-	36	158	88	3 489	4	-	219
50 to 99	-	9	25	14	1 945	1	-	67
100 to 199	-	9	8	3	786	1	-	25
200 to 499	-	-	-	-	112	-	-	1
500 or more	-	-	-	-	7	-	-	-
Heifers and heifer calves ---- farms	26	688	7 008	3 695	6 319	113	149	471
number	101	7 186	83 027	39 534	281 349	1 418	589	11 272
Steers, steer calves, bulls, and bull calves ---- farms	29	924	9 202	4 296	5 017	146	231	487
number	137	12 903	221 542	56 390	76 604	837	761	8 308
Cattle and calves sold ---- farms	19	725	9 976	4 860	6 538	73	118	473
number	251	12 847	357 403	118 806	194 509	1 322	608	15 497
$1,000	140	6 366	193 080	46 905	60 034	668	184	8 253
Calves ---- farms	8	219	3 789	2 693	4 932	30	47	209
number	22	2 039	62 122	52 789	94 108	206	261	2 835
$1,000	3	357	16 294	14 455	8 097	26	42	370
Cattle ---- ferms	19	671	9 066	4 129	5 780	61	101	433
number	229	10 808	295 281	66 017	100 401	1 116	347	12 662
$1,000	137	6 009	176 786	32 450	51 938	642	142	7 883
Fattened on grain and concentrates ---- farms	8	387	4 870	412	966	33	45	173
number	61	6 040	222 034	2 036	16 966	641	122	3 699
$1,000	36	3 461	140 864	1 065	9 663	368	62	2 348
Hogs and pigs inventory ---- farms	3	289	4 261	435	455	90	75	181
number	6	24 454	852 477	8 772	19 176	11 040	727	16 843
Farms with—								
1 to 24	3	152	1 852	384	319	61	71	102
25 to 49	-	42	500	24	41	6	1	17
50 to 99	-	29	494	12	45	4	1	19
100 to 199	-	32	466	8	35	7	1	21
200 to 499	-	26	471	5	10	7	1	12
500 or more	-	8	478	2	5	5	-	10
Used or to be used for breeding ---- farms	-	155	2 993	181	233	47	27	93
number	-	2 593	129 545	1 568	2 682	1 275	119	1 824
Other ---- farms	3	269	3 935	397	414	85	70	171
number	6	21 861	722 932	7 204	16 494	9 765	608	15 019
Hogs and pigs sold ---- farms	2	257	4 364	309	401	66	49	141
number	(D)	38 035	1 453 288	15 868	30 352	10 238	(D)	26 346
$1,000	(D)	3 982	153 452	1 230	2 895	1 101	(D)	2 993
Feeder pigs ---- farms	-	69	1 526	85	96	19	13	31
number	-	7 548	328 470	6 948	8 930	2 281	112	2 593
$1,000	-	368	16 289	266	427	102	5	122
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms	-	167	3 164	199	244	49	28	103
number	-	3 346	171 486	2 065	3 148	1 684	110	2 392
Dec. 1 and May 31 ---- farms	-	143	2 672	143	201	43	19	95
number	-	1 540	81 819	1 024	1 563	819	45	1 162
June 1 and Nov. 30 ---- farms	-	135	2 703	131	201	34	19	79
number	-	1 806	89 667	1 041	1 585	865	65	1 230

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
LIVESTOCK—Con.									
Sheep and lambs of all ages inventory	farms	2 401	559	124	-	-	124	14	30
	number	115 517	26 248	3 901	-	-	3 901	91	762
Ewes 1 year old or older	farms	2 103	490	104	-	-	104	7	28
	number	68 288	15 643	2 515	-	-	2 515	49	431
Sheep and lambs sold	farms	2 172	512	114	-	-	114	9	24
	number	88 782	18 469	2 481	-	-	2 481	59	477
Sheep and lambs shorn	farms	2 060	488	104	-	-	104	9	28
	number	101 512	23 439	3 124	-	-	3 124	72	588
	pounds of wool	782 410	186 319	23 769	-	-	23 769	430	4 091
Horses and ponies inventory	farms	9 536	1 811	888	-	-	888	115	168
	number	52 611	6 773	3 989	-	-	3 989	354	468
Horses and ponies sold	farms	2 403	210	134	-	-	134	19	19
	number	7 808	470	272	-	-	272	45	31
	$1,000	11 086	366	158	-	-	158	22	26
Goats inventory	farms	1 245	199	95	-	-	95	22	24
	number	11 126	1 258	609	-	-	609	128	80
Goats sold	farms	505	73	21	-	-	21	8	6
	number	4 027	378	181	-	-	181	37	23
	$1,000	158	11	9	-	-	9	1	1
POULTRY									
Chickens 3 months old or older inventory	farms	5 785	1 254	327	-	-	327	128	120
	number	7 561 180	216 140	11 957	-	-	11 957	7 099	3 754
Farms with—									
1 to 399		5 470	1 229	326	-	-	326	126	120
400 to 3,199		89	13	1	-	-	1	2	-
3,200 to 9,999		65	7	-	-	-	-	-	-
10,000 to 19,999		70	3	-	-	-	-	-	-
20,000 to 49,999		54	1	-	-	-	-	-	-
50,000 to 99,999		23	1	-	-	-	-	-	-
100,000 or more		14	-	-	-	-	-	-	-
Hens and pullets of laying age	farms	5 707	1 239	325	-	-	325	128	114
	number	6 593 729	122 305	11 520	-	-	11 520	6 503	3 341
Pullets 3 months old or older not of laying age	farms	683	113	38	-	-	38	19	20
	number	967 451	93 835	437	-	-	437	596	413
Chickens 3 months old or older sold	farms	1 071	154	33	-	-	33	26	13
	number	7 569 952	272 192	2 694	-	-	2 694	2 406	622
Broilers and other meat-type chickens sold	farms	636	139	31	-	-	31	28	7
	number	601 403	100 898	2 458	-	-	2 458	2 767	(D)
Farms with—									
1 to 1,999		627	137	31	-	-	31	28	7
2,000 to 59,999		6	1	-	-	-	-	-	-
60,000 to 99,999		2	1	-	-	-	-	-	-
100,000 or more		1	-	-	-	-	-	-	-
Turkey hens kept for breeding	farms	269	49	15	-	-	15	1	5
	number	43 754	263	36	-	-	36	(D)	(D)
Turkeys sold	farms	265	45	16	-	-	16	5	1
	number	1 901 774	2 014	204	-	-	204	226	(D)
CROPS HARVESTED									
Corn for grain or seed	farms	30 784	16 540	957	-	-	957	384	350
	acres	2 566 700	1 516 121	46 001	-	-	46 001	23 108	14 968
	bushels	256 304 308	154 192 096	4 530 873	-	-	4 530 873	2 326 055	1 393 221
Irrigated	farms	811	447	50	-	-	50	18	10
	acres	135 306	86 659	6 381	-	-	6 381	2 097	621
Farms by acres harvested:									
1 to 24 acres		11 724	5 684	582	-	-	582	207	199
25 to 99 acres		11 873	6 811	273	-	-	273	102	118
100 to 249 acres		4 925	2 653	59	-	-	59	52	24
250 acres or more		2 262	1 392	43	-	-	43	23	9
Corn for silage or green chop	farms	9 596	1 225	418	-	-	418	42	53
	acres	390 046	25 766	12 168	-	-	12 168	1 068	1 168
	tons, green	5 196 764	334 010	159 748	-	-	159 748	13 192	14 530
Irrigated	farms	108	9	2	-	-	2	2	-
	acres	5 095	392	(D)	-	-	(D)	(D)	-
Farms by acres harvested:									
1 to 24 acres		4 952	928	274	-	-	274	29	38
25 to 99 acres		3 740	254	122	-	-	122	10	13
100 to 249 acres		784	42	16	-	-	16	3	2
250 acres or more		120	1	6	-	-	6	-	-
Wheat for grain	farms	15 413	9 752	507	-	-	507	178	114
	acres	513 197	350 157	17 121	-	-	17 121	5 682	2 778
	bushels	20 754 410	14 232 002	678 776	-	-	678 776	221 267	103 436
Irrigated	farms	59	20	16	-	-	16	2	1
	acres	5 041	983	1 976	-	-	1 976	(D)	(D)
Farms by acres harvested:									
1 to 24 acres		8 913	5 370	347	-	-	347	96	78
25 to 99 acres		5 575	3 695	122	-	-	122	71	33
100 to 249 acres		836	617	31	-	-	31	10	3
250 acres or more		89	70	7	-	-	7	1	-
Oats for grain	farms	16 623	7 375	847	-	-	847	85	91
	acres	398 493	195 109	18 822	-	-	18 822	1 385	1 354
	bushels	24 765 511	12 540 198	1 022 092	-	-	1 022 092	88 212	77 396
Irrigated	farms	42	14	6	-	-	6	1	1
	acres	529	200	65	-	-	65	(D)	(D)

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
			Total	Beef cattle, except feedlots (0212)				
LIVESTOCK—Con.								
Sheep and lambs of all ages inventory ... farms	11	75	1 316	227	147	25	50	50
number	219	4 209	71 562	6 885	5 239	331	464	2 491
Ewes 1 year old or older ... farms	8	69	1 173	183	117	23	39	45
number	135	2 689	42 048	4 247	3 043	221	291	1 223
Sheep and lambs sold ... farms	7	73	1 207	189	126	17	38	45
number	50	3 064	58 902	3 997	3 001	222	226	1 831
Sheep and lambs shorn ... farms	7	70	1 148	183	117	18	32	39
number	178	3 900	62 689	5 159	4 158	280	324	2 760
pounds of wool	833	30 147	475 972	40 807	35 894	1 939	2 563	20 453
Horses and ponies inventory ... farms	38	695	2 885	1 236	784	113	1 872	167
number	112	3 830	11 208	4 768	2 922	400	21 605	950
Horses and ponies sold ... farms	3	36	409	155	87	6	1 417	63
number	5	100	950	317	245	7	5 505	178
$1,000	3	103	607	142	159	4	9 484	153
Goats inventory ... farms	9	59	589	168	50	45	115	38
number	35	207	7 386	1 352	318	163	694	248
Goats sold ... farms	3	12	278	56	17	12	49	26
number	17	86	2 666	317	117	45	292	185
$1,000	(Z)	2	115	6	4	1	8	7
POULTRY								
Chickens 3 months old or older inventory ... farms	24	323	2 203	831	491	474	208	233
number	489	15 116	160 823	24 808	61 411	6 861 134	3 885	219 372
Farms with—								
1 to 399	24	318	2 184	831	482	255	208	198
400 to 3,199	-	5	11	-	6	28	-	23
3,200 to 9,999	-	-	5	-	2	48	-	3
10,000 to 19,999	-	-	2	-	-	60	-	5
20,000 to 49,999	-	-	1	-	1	47	-	4
50,000 to 99,999	-	-	-	-	-	22	-	-
100,000 or more	-	-	-	-	-	14	-	-
Hens and pullets of laying age ... farms	23	320	2 181	822	486	457	206	228
number	398	14 289	146 326	23 094	57 791	6 025 056	3 562	202 638
Pullets 3 months old or older not of laying age ... farms	4	47	260	90	50	78	26	28
number	91	827	14 497	1 714	3 620	836 078	323	16 734
Chickens 3 months old or older sold ... farms	4	30	292	84	59	350	20	90
number	120	6 421	125 652	12 811	48 710	6 897 041	385	213 709
Broilers and other meat-type chickens sold ... farms	1	23	254	52	23	71	15	44
number	(D)	4 579	32 578	3 855	2 511	449 548	719	4 859
Farms with—								
1 to 1,999	1	23	252	52	23	66	15	44
2,000 to 59,999	-	-	2	-	-	3	-	-
60,000 to 99,999	-	-	-	-	-	1	-	-
100,000 or more	-	-	-	-	-	1	-	-
Turkey hens kept for breeding ... farms	-	13	116	32	14	32	14	10
number	-	44	343	76	137	42 857	40	20
Turkeys sold ... farms	3	6	101	18	4	61	9	14
number	(D)	285	2 740	149	148	1 814 172	81	81 839
CROPS HARVESTED								
Corn for grain or seed ... farms	37	959	5 712	1 213	5 099	194	94	458
acres	2 498	57 013	352 518	26 629	472 149	23 454	1 591	57 279
bushels	292 811	5 572 245	34 214 965	2 102 398	45 372 550	2 505 956	137 937	5 765 598
Irrigated ... farms	7	15	140	5	96	12	-	16
acres	716	3 548	19 765	421	12 301	1 250	-	1 968
Farms by acres harvested:								
1 to 24 acres	25	478	3 253	979	996	80	77	143
25 to 99 acres	4	352	1 566	196	2 420	55	15	157
100 to 249 acres	4	92	579	25	1 342	26	2	92
250 acres or more	4	37	314	13	341	33	-	66
Corn for silage or green chop ... farms	5	309	2 147	776	5 074	26	16	281
acres	48	8 393	79 932	17 622	248 643	988	420	11 452
tons, green	465	122 426	1 155 042	199 747	3 216 712	15 399	4 764	160 476
Irrigated ... farms	-	-	26	2	60	-	-	9
acres	-	-	1 245	(D)	2 881	-	-	439
Farms by acres harvested:								
1 to 24 acres	4	202	1 526	594	1 778	14	10	149
25 to 99 acres	1	90	456	157	2 676	10	5	103
100 to 249 acres	-	15	106	18	574	1	1	24
250 acres or more	-	2	59	7	46	1	-	5
Wheat for grain ... farms	17	474	2 087	377	1 911	73	23	277
acres	328	15 465	51 833	5 693	58 071	1 930	216	9 616
bushels	9 676	619 396	2 044 540	219 545	2 359 190	85 671	7 984	392 472
Irrigated ... farms	-	2	9	-	5	2	-	2
acres	-	(D)	214	-	145	(D)	-	(D)
Farms by acres harvested:								
1 to 24 acres	12	293	1 454	316	1 044	51	22	146
25 to 99 acres	5	153	561	56	800	20	1	114
100 to 249 acres	-	26	66	5	65	2	-	16
250 acres or more	-	2	6	-	2	-	-	1
Oats for grain ... farms	11	593	3 365	1 103	3 722	83	128	323
acres	227	11 989	52 273	14 671	105 764	1 312	1 392	8 866
bushels	9 167	748 717	2 900 099	728 633	6 668 241	67 753	64 020	579 616
Irrigated ... farms	-	2	10	4	7	-	-	1
acres	-	(D)	119	21	99	-	-	(D)

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		
CROPS HARVESTED—Con.									
Soybeans for beans	farms	14 902	11 782	212	-	-	212	224	111
	acres	1 122 519	945 328	10 793	-	-	10 793	15 814	3 519
	bushels	34 304 408	28 881 800	326 635	-	-	326 635	495 999	96 108
Irrigated	farms	278	205	4	-	-	4	13	2
	acres	24 942	19 534	100	-	-	100	695	(D)
Farms by acres harvested:									
1 to 24 acres		4 719	3 382	107	-	-	107	82	64
25 to 99 acres		6 873	5 597	77	-	-	77	81	41
100 to 249 acres		2 470	2 059	20	-	-	20	51	4
250 acres or more		840	744	8	-	-	8	10	2
Dry edible beans, excluding dry limas	farms	5 838	4 567	283	-	-	283	42	6
	acres	502 250	404 697	26 829	-	-	26 829	1 848	133
	cwt	7 161 680	5 814 003	344 685	-	-	344 685	21 174	1 343
Irrigated	farms	89	55	21	-	-	21	2	-
	acres	10 302	5 959	3 196	-	-	3 196	(D)	-
Farms by acres harvested:									
1 to 24 acres		1 511	1 138	63	-	-	63	21	3
25 to 99 acres		2 676	2 082	126	-	-	126	15	3
100 to 249 acres		1 247	1 013	69	-	-	69	6	-
250 acres or more		404	334	25	-	-	25	-	-
Irish potatoes	farms	765	100	338	-	-	338	96	26
	acres	48 664	1 760	42 705	-	-	42 705	1 468	148
	cwt	12 414 828	317 451	11 094 021	-	-	11 094 021	286 305	36 470
Irrigated	farms	237	14	161	-	-	161	30	6
	acres	26 556	409	24 078	-	-	24 078	355	38
Farms by acres harvested:									
0.1 to 4.9 acres		367	67	51	-	-	51	72	20
5.0 to 24.9 acres		103	19	36	-	-	36	14	3
25.0 to 99.9 acres		130	8	102	-	-	102	6	3
100.0 acres or more		165	6	149	-	-	149	4	-
Sugar beets for sugar	farms	1 351	817	285	-	-	285	20	1
	acres	96 582	60 882	17 579	-	-	17 579	1 331	(D)
	tons	1 810 556	1 124 024	333 238	-	-	333 238	21 079	(D)
Irrigated	farms	14	3	8	-	-	8	-	-
	acres	550	145	226	-	-	226	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	28 513	6 518	3 690	-	-	3 690	256	372
	acres	1 363 149	153 704	152 686	-	-	152 686	5 411	8 263
	tons, dry	3 470 998	385 839	347 083	-	-	347 083	12 340	20 432
Irrigated	farms	139	23	13	-	-	13	6	5
	acres	5 373	469	300	-	-	300	53	62
Farms by acres harvested:									
1 to 24 acres		14 143	4 637	1 665	-	-	1 665	203	271
25 to 99 acres		10 497	1 688	1 754	-	-	1 754	44	88
100 to 249 acres		3 282	175	230	-	-	230	7	10
250 acres or more		591	18	41	-	-	41	2	3
Alfalfa hay	farms	24 283	5 495	3 131	-	-	3 131	196	302
	acres	948 882	121 827	110 054	-	-	110 054	3 825	6 502
	tons, dry	2 707 341	331 618	281 443	-	-	281 443	8 795	17 284
Irrigated	farms	111	19	9	-	-	9	6	5
	acres	3 713	329	284	-	-	284	53	62
Vegetables harvested for sale (see text)	farms	3 629	398	101	-	-	101	1 908	467
	acres	126 170	8 570	2 583	-	-	2 583	84 139	9 533
Irrigated	farms	775	36	31	-	-	31	448	113
	acres	43 137	807	1 279	-	-	1 279	30 608	1 651
Farms by acres harvested:									
0.1 to 4.9 acres		1 309	191	50	-	-	50	489	173
5.0 to 24.9 acres		1 279	103	26	-	-	26	745	184
25.0 to 99.9 acres		768	83	17	-	-	17	483	95
100.0 acres or more		273	21	8	-	-	8	191	15
Land in orchards	farms	4 274	327	145	-	-	145	314	2 810
	acres	165 121	2 945	796	-	-	796	6 027	143 917
Irrigated	farms	442	10	3	-	-	3	27	355
	acres	14 298	189	13	-	-	13	266	13 265
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 300	205	105	-	-	105	122	475
5.0 to 24.9 acres		1 478	92	31	-	-	31	127	1 037
25.0 to 99.9 acres		1 061	27	9	-	-	9	56	890
100.0 acres or more		435	3	-	-	-	-	9	408
Apples	farms	2 783	233	110	-	-	110	171	1 774
Bearing and nonbearing	acres	69 658	1 597	371	-	-	371	2 067	60 139
	pounds	915 575 438	11 972 183	394 390	-	-	394 390	20 574 792	813 094 738
Cherries	farms	2 071	88	67	-	-	67	140	1 523
Bearing and nonbearing	acres	65 347	449	300	-	-	300	2 475	58 506
	pounds	231 351 118	892 089	424 121	-	-	424 121	4 910 155	213 714 483
Grapes (see text)	farms	1 312	129	43	-	-	43	120	804
Bearing and nonbearing	acres	12 781	575	42	-	-	42	683	10 280
Fresh weight	pounds	94 862 025	3 797 192	117 759	-	-	117 759	3 866 095	77 185 286

See footnotes at end of table.

Table 50. **Summary by Standard Industrial Classification of Farm: 1982**—Con.

[Excludes abnormal farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock (029)
				Total	Beef cattle, except feedlots (0212)				
CROPS HARVESTED—Con.									
Soybeans for beans	farms	40	274	1 192	122	844	43	25	155
	acres	3 225	14 290	67 693	3 774	49 900	2 408	420	9 129
	bushels	91 698	430 115	2 060 370	92 242	1 556 604	76 702	9 010	279 367
Irrigated	farms	6	3	33	1	9	1	–	2
	acres	504	114	3 108	(D)	258	(D)	–	(D)
Farms by acres harvested:									
1 to 24 acres		14	133	573	87	273	20	20	51
25 to 99 acres		17	108	425	27	429	15	4	79
100 to 249 acres		4	21	157	6	126	7	1	20
250 acres or more		5	12	37	2	16	1	–	5
Dry edible beans, excluding dry limas	farms	4	158	295	43	380	17	3	83
	acres	253	18 057	18 667	1 184	23 665	2 087	23	5 991
	cwt	3 379	280 186	266 652	13 509	312 085	35 831	433	81 909
Irrigated	farms	1	1	5	–	1	1	–	2
	acres	(D)	(D)	380	–	(D)	(D)	–	(D)
Farms by acres harvested:									
1 to 24 acres		2	33	134	30	92	3	3	19
25 to 99 acres		1	73	107	11	220	5	–	44
100 to 249 acres		1	31	38	2	65	7	–	17
250 acres or more		–	21	16	–	3	2	–	3
Irish potatoes	farms	9	65	86	37	30	4	3	8
	acres	80	889	1 207	46	286	1	1	118
	cwt	16 081	215 785	363 754	6 891	56 984	144	81	27 752
Irrigated	farms	6	12	3	–	2	1	1	1
	acres	75	370	1 025	–	(D)	(D)	(D)	(D)
Farms by acres harvested:									
0.1 to 4.9 acres		7	41	76	35	20	4	3	6
5.0 to 24.9 acres		1	13	9	2	7	–	–	1
25.0 to 99.9 acres		1	7	–	–	3	–	–	–
100.0 acres or more		–	4	1	–	–	–	–	1
Sugar beets for sugar	farms	–	125	46	1	39	7	–	11
	acres	–	9 224	5 018	(D)	1 426	(D)	–	703
	tons	–	179 218	103 332	(D)	26 472	(D)	–	14 949
Irrigated	farms	–	2	–	–	–	1	–	–
	acres	–	(D)	–	–	–	(D)	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	65	1 894	8 114	3 598	6 180	176	703	545
	acres	1 372	51 773	275 282	142 673	664 845	3 408	15 908	30 497
	tons, dry	2 272	126 284	592 478	266 634	1 855 788	7 417	27 084	93 981
Irrigated	farms	3	6	21	6	54	2	3	3
	acres	(D)	82	948	209	3 242	(D)	16	167
Farms by acres harvested:									
1 to 24 acres		51	1 273	4 639	1 771	538	135	524	207
25 to 99 acres		12	545	2 980	1 528	2 949	38	155	244
100 to 249 acres		2	64	426	256	2 259	3	20	86
250 acres or more		–	12	69	43	434	–	4	8
Alfalfa hay	farms	49	1 544	6 759	2 916	5 640	132	552	483
	acres	595	39 180	200 079	102 260	431 730	2 076	11 013	22 001
	tons, dry	1 096	106 497	458 306	207 794	1 397 664	4 895	21 547	78 196
Irrigated	farms	3	6	19	4	37	2	2	3
	acres	12	75	782	83	1 935	(D)	(D)	147
Vegetables harvested for sale (see text)	farms	101	266	251	59	59	27	20	31
	acres	1 027	15 417	2 893	299	1 317	297	34	359
Irrigated	farms	46	46	33	2	3	8	5	6
	acres	609	7 385	609	(D)	20	106	10	54
Farms by acres harvested:									
0.1 to 4.9 acres		53	91	179	43	22	17	19	25
5.0 to 24.9 acres		37	105	45	13	23	6	1	4
25.0 to 99.9 acres		11	45	19	3	10	4	–	1
100.0 acres or more		–	25	8	–	4	–	–	1
Land in orchards	farms	52	143	280	87	86	40	53	24
	acres	1 098	4 815	2 590	386	2 218	332	147	236
Irrigated	farms	14	11	15	–	3	2	2	–
	acres	306	122	96	–	37	(D)	(D)	–
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		40	55	187	65	23	30	47	11
5.0 to 24.9 acres		9	60	69	21	31	7	5	10
25.0 to 99.9 acres		2	22	20	1	29	2	1	3
100.0 acres or more		1	6	4	–	3	1	–	–
Apples	farms	40	83	210	67	59	33	50	20
Bearing and nonbearing	acres	708	2 004	1 039	218	1 309	167	113	144
	pounds	10 817 689	39 545 032	5 624 594	92 665	10 976 333	1 318 588	380 439	876 660
Cherries	farms	13	49	114	24	31	20	19	7
Bearing and nonbearing	acres	117	1 398	1 195	114	689	143	3	72
	pounds	398 220	6 356 121	2 795 797	123 400	1 371 692	222 650	760	265 030
Grapes (see text)	farms	20	63	81	18	11	15	17	9
Bearing and nonbearing	acres	23	841	189	16	109	6	17	17
Fresh weight	pounds	84 924	7 901 801	1 012 412	76 130	704 020	2 300	10	190 226

[1]Data are based on a sample of farms

Table 1. Farms, Land in Farms, and Land Use: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS AND LAND IN FARMS							
Farms — number, 1982	58 661	295	76	1 831	442	279	377
1978	60 426	287	94	1 923	450	268	430
Land in farms — acres, 1982	10 942 172	53 183	17 700	266 977	80 773	63 157	90 497
1978	11 038 419	55 630	21 971	261 199	79 758	63 734	97 685
Average size of farm — acres, 1982	187	180	233	146	183	226	240
1978	183	194	234	136	177	238	227
Approximate land area — acres, 1982	36 450 534	434 566	583 462	532 512	363 193	307 308	235 136
Proportion in farms — percent, 1982	30.0	12.2	3.0	50.1	22.2	20.6	38.5
Value of land and buildings[1]:							
Average per farm — dollars, 1982	228 238	117 159	123 053	191 761	125 059	194 405	245 541
1978	175 171	89 815	100 468	143 181	72 314	164 432	161 420
Average per acre — dollars, 1982	1 223	633	528	1 313	679	906	1 075
1978	960	513	430	1 028	448	690	746
LAND IN FARMS ACCORDING TO USE							
Total cropland — farms, 1982	56 321	285	75	1 743	438	263	368
1978	59 080	286	90	1 878	440	255	424
acres, 1982	8 458 021	34 297	9 681	215 099	50 204	39 636	68 355
1978	8 382 317	35 204	11 399	205 331	49 759	39 424	73 517
Harvested cropland — farms, 1982	53 738	268	73	1 637	418	241	354
1978	57 294	272	86	1 782	425	246	418
acres, 1982	7 255 909	19 700	6 469	185 981	34 934	28 831	58 698
1978	6 774 229	18 577	8 113	161 725	33 241	25 470	59 491
1982 acres harvested:							
1 to 9 acres — farms	5 962	27	11	231	44	33	22
acres	28 906	144	45	972	241	149	111
10 to 19 acres — farms	6 146	37	7	233	38	33	35
acres	84 200	491	86	3 246	514	446	462
20 to 29 acres — farms	4 785	43	5	157	61	13	24
acres	112 015	998	121	3 672	1 423	311	533
30 to 49 acres — farms	7 221	47	11	211	78	43	49
acres	271 980	1 703	398	7 987	2 940	1 548	1 854
50 to 99 acres — farms	10 561	57	17	309	99	44	60
acres	744 285	3 667	1 116	21 546	7 030	3 008	4 262
100 to 199 acres — farms	8 685	33	10	233	62	40	60
acres	1 217 510	4 328	1 281	32 565	8 827	5 531	8 383
200 to 499 acres — farms	7 476	19	12	200	31	25	83
acres	2 291 540	5 086	3 422	60 730	9 674	8 214	24 854
500 to 999 acres — farms	2 269	5	–	50	4	6	17
acres	1 517 882	3 283	–	32 634	(D)	4 262	11 540
1,000 acres or more — farms	633	–	–	13	1	4	4
acres	987 591	–	–	22 629	(D)	5 362	6 699
1978 acres harvested:							
1 to 9 acres — farms	4 775	19	4	215	24	25	12
acres	23 623	114	19	1 111	114	138	80
10 to 19 acres — farms	6 449	40	10	223	54	31	34
acres	89 561	555	138	3 052	756	418	481
20 to 29 acres — farms	5 669	36	9	198	48	23	35
acres	133 372	863	205	4 640	1 157	556	814
30 to 49 acres — farms	8 972	58	11	305	97	53	66
acres	339 096	2 121	397	11 504	3 572	1 999	2 526
50 to 99 acres — farms	12 146	60	25	360	105	39	92
acres	851 195	4 083	1 746	25 150	6 984	2 772	6 624
100 to 199 acres — farms	9 549	41	17	256	65	40	82
acres	1 334 054	5 400	2 281	34 299	9 063	5 504	11 900
200 to 499 acres — farms	7 626	16	10	189	30	26	83
acres	2 310 700	(D)	3 327	56 137	(D)	7 657	25 536
500 to 999 acres — farms	1 726	2	–	31	1	8	9
acres	1 142 767	(D)	–	20 177	(D)	(D)	5 122
1,000 acres or more — farms	382	–	–	5	1	1	5
acres	549 861	–	–	5 655	(D)	(D)	6 408
Cropland used only for pasture or grazing — farms, 1982	18 410	169	39	583	232	123	91
1978	19 744	181	42	594	225	101	110
acres, 1982	566 151	11 144	2 287	11 837	8 663	6 224	3 791
1978	698 168	11 951	2 670	13 887	9 257	5 754	3 845
Other cropland — farms, 1982	20 911	108	28	684	225	114	158
1978	28 276	137	27	1 054	239	142	254
acres, 1982	635 961	3 453	925	17 281	6 607	4 581	5 866
1978	909 920	4 676	616	29 719	7 261	8 200	10 181
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured — farms, 1982	5 475	28	7	195	57	40	27
1978	8 793	30	9	301	67	63	70
acres, 1982	132 931	454	(D)	3 838	806	1 460	1 102
1978	206 580	780	171	6 123	1 275	2 930	1 805
Cropland on which all crops failed — farms, 1982	2 802	27	6	62	46	10	52
1978	3 535	30	2	159	56	26	47
acres, 1982	55 721	683	279	896	845	245	1 894
1978	72 314	566	(D)	3 690	962	837	1 545
Cropland in cultivated summer fallow — farms, 1982	5 101	33	10	119	111	20	54
1978	7 496	68	9	206	106	31	96
acres, 1982	113 569	786	(D)	2 504	2 648	394	1 238
1978	173 923	1 386	(D)	5 043	2 188	519	2 672
Cropland idle — farms, 1982	12 862	49	18	471	103	74	70
1978	16 918	63	17	660	115	87	152
acres, 1982	333 740	1 530	388	10 043	2 308	2 482	1 632
1978	457 103	1 944	330	14 863	2 836	3 914	4 159
Total woodland — farms, 1982	31 636	218	66	899	313	192	237
1978	33 401	212	82	948	343	196	293
acres, 1982	1 430 370	13 989	6 883	25 279	22 196	16 241	16 677
1978	1 501 983	15 274	8 692	27 653	23 046	17 789	16 632
Woodland pastured — farms, 1982	7 410	104	21	173	118	46	81
1978	8 436	101	30	231	138	60	102
acres, 1982	269 311	5 568	1 004	3 410	5 071	1 443	3 491
1978	332 498	6 466	2 353	5 303	7 347	4 051	4 002

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS AND LAND IN FARMS							
Farms—number, 1982	74	1 061	1 072	184	1 777	1 170	1 281
1978	93	1 033	1 168	176	1 926	1 196	1 307
Land in farms—acres, 1982	16 827	188 096	180 152	26 120	189 912	243 076	266 680
1978	19 562	180 832	183 759	26 802	197 025	242 233	256 095
Average size of farm—acres, 1982	227	177	168	142	107	208	208
1978	210	175	157	152	102	203	196
Approximate land area—acres, 1982	576 512	358 457	286 272	206 227	368 704	325 139	455 360
Proportion in farms—percent, 1982	2.9	52.5	62.9	12.7	51.5	74.8	58.6
Value of land and buildings[1]:							
Average per farm—dollars, 1982	89 027	155 266	336 182	154 750	156 068	204 686	200 959
1978	78 000	137 053	199 147	109 686	121 990	163 919	153 558
Average per acre—dollars, 1982	392	885	1 954	1 112	1 501	1 000	970
1978	371	782	1 230	755	1 221	804	783
LAND IN FARMS ACCORDING TO USE							
Total cropland—farms, 1982	73	1 012	1 042	176	1 736	1 127	1 228
1978	92	1 021	1 153	173	1 899	1 157	1 271
acres, 1982	7 823	136 505	161 143	13 349	152 411	186 466	206 938
1978	8 807	131 229	158 282	12 802	153 501	184 715	192 988
Harvested cropland—farms, 1982	73	955	1 020	172	1 682	1 090	1 175
1978	80	975	1 144	164	1 860	1 136	1 237
acres, 1982	4 807	110 001	151 933	8 290	130 186	167 060	177 204
1978	4 821	97 763	148 160	7 874	122 756	156 136	151 254
1982 acres harvested:							
1 to 9 acres—farms	12	75	84	39	431	46	85
acres	40	407	438	172	2 013	238	426
10 to 19 acres—farms	12	114	79	40	303	101	132
acres	149	1 609	1 100	513	4 017	1 454	1 825
20 to 29 acres—farms	11	129	69	26	161	104	116
acres	267	3 010	1 659	593	3 824	2 510	2 727
30 to 49 acres—farms	14	159	132	22	203	146	153
acres	529	5 900	4 952	855	7 573	5 691	5 898
50 to 99 acres—farms	11	178	234	20	252	256	249
acres	750	12 459	17 155	1 375	17 483	18 040	17 942
100 to 199 acres—farms	6	145	200	17	172	204	193
acres	806	20 534	27 712	2 306	23 774	28 688	26 941
200 to 499 acres—farms	6	110	159	7	117	158	170
acres	(D)	34 457	49 569	(D)	35 584	51 184	52 113
500 to 999 acres—farms	1	40	52	1	31	61	65
acres	(D)	24 381	34 208	(D)	20 348	39 395	44 410
1,000 acres or more—farms	-	5	11	-	12	14	12
acres	-	7 244	15 140	-	15 570	19 860	24 922
1978 acres harvested:							
1 to 9 acres—farms	9	55	61	37	457	48	66
acres	42	302	291	194	2 305	279	293
10 to 19 acres—farms	9	126	105	29	327	104	149
acres	126	1 766	1 531	386	4 414	1 525	2 048
20 to 29 acres—farms	14	121	98	27	214	95	122
acres	321	2 797	2 322	643	5 103	2 334	2 894
30 to 49 acres—farms	25	188	150	33	260	178	219
acres	928	7 097	5 601	1 260	9 840	6 767	8 284
50 to 99 acres—farms	10	200	305	19	277	265	282
acres	(D)	13 730	21 589	1 336	19 417	18 424	19 605
100 to 199 acres—farms	7	150	216	10	174	212	179
acres	(D)	19 882	30 745	1 373	24 161	30 418	24 645
200 to 499 acres—farms	5	104	159	9	121	183	167
acres	(D)	31 861	49 392	2 682	35 699	55 327	51 475
500 to 999 acres—farms	1	30	42	-	26	44	44
acres	(D)	(D)	26 483	-	17 023	30 167	29 047
1,000 acres or more—farms	-	1	8	-	4	7	9
acres	-	(D)	10 206	-	4 794	10 895	12 963
Cropland used only for pasture or grazing—farms, 1982	49	425	69	50	312	322	514
1978	62	489	100	44	323	352	551
acres, 1982	2 006	11 441	1 789	1 862	5 793	8 645	16 176
1978	2 828	16 257	2 380	2 105	7 202	10 628	20 328
Other cropland—farms, 1982	26	446	225	96	795	416	492
1978	41	538	345	80	1 072	586	637
acres, 1982	1 010	15 063	7 421	3 197	16 432	10 761	13 558
1978	1 158	17 209	7 742	2 823	23 543	17 951	21 406
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	3	131	42	28	255	123	131
1978	14	171	93	37	378	185	220
acres, 1982	11	3 142	890	782	4 098	2 195	2 828
1978	271	3 518	1 836	696	6 894	4 034	5 258
Cropland on which all crops failed—farms, 1982	9	24	41	12	102	51	63
1978	6	43	48	6	145	58	53
acres, 1982	247	481	1 081	156	1 176	760	906
1978	189	701	1 039	84	2 595	975	840
Cropland in cultivated summer fallow—farms, 1982	-	117	37	13	69	51	80
1978	7	151	76	10	142	78	125
acres, 1982	-	3 720	592	211	989	1 221	1 960
1978	61	3 112	1 218	215	2 424	1 755	3 192
Cropland idle—farms, 1982	16	280	135	74	575	305	318
1978	25	348	181	51	709	394	416
acres, 1982	752	7 720	4 858	2 048	10 169	6 585	7 864
1978	637	9 878	3 649	1 828	11 630	11 187	12 116
Total woodland—farms, 1982	67	650	286	134	759	703	769
1978	76	698	344	132	829	724	775
acres, 1982	7 690	25 145	9 718	8 741	16 694	30 018	29 107
1978	9 237	24 029	12 391	7 927	17 602	29 947	29 000
Woodland pastured—farms, 1982	29	150	57	15	103	142	179
1978	25	156	75	32	122	200	192
acres, 1982	1 283	3 272	1 659	389	1 876	3 396	4 485
1978	1 490	3 534	2 911	941	1 782	6 145	5 898

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS AND LAND IN FARMS							
Farms—number, 1982	1 022	256	197	378	317	1 518	18
1978	1 066	247	221	369	313	1 517	16
Land in farms—acres, 1982	198 663	47 049	46 088	99 182	76 351	266 736	1 604
1978	199 277	47 664	50 395	99 716	71 709	260 251	2 090
Average size of farm—acres, 1982	194	184	234	262	241	176	89
1978	187	193	228	270	229	172	131
Approximate land area—acres, 1982	317 580	269 433	460 921	1 017 728	364 819	366 764	357 657
Proportion in farms—percent, 1982	62.6	17.5	10.0	9.7	20.9	72.7	.4
Value of land and buildings[1]:							
Average per farm—dollars, 1982	239 684	170 008	107 949	112 283	183 722	210 452	102 833
1978	195 751	115 617	104 796	85 455	104 187	151 654	75 500
Average per acre—dollars, 1982	1 193	822	471	460	757	1 176	1 154
1978	1 010	660	443	303	511	911	578
LAND IN FARMS ACCORDING TO USE							
Total cropland—farms, 1982	970	248	188	371	301	1 462	17
1978	1 037	241	214	366	301	1 500	16
acres, 1982	152 476	27 549	27 316	70 475	50 215	221 314	827
1978	148 632	29 413	29 167	70 069	43 952	211 913	1 037
Harvested cropland—farms, 1982	913	228	176	352	275	1 425	16
1978	995	231	207	351	284	1 473	14
acres, 1982	129 918	19 171	16 208	45 462	33 519	200 167	(D)
1978	117 695	19 545	16 983	46 046	26 950	179 548	315
1982 acres harvested:							
1 to 9 acres—farms	90	29	22	17	15	116	5
acres	460	139	84	99	79	613	20
10 to 19 acres—farms	107	32	19	17	32	114	4
acres	1 519	432	266	199	430	1 638	43
20 to 29 acres—farms	81	35	14	41	27	99	2
acres	1 862	811	314	918	621	2 338	(D)
30 to 49 acres—farms	114	42	36	49	46	173	4
acres	4 391	1 628	1 263	1 825	1 710	6 570	141
50 to 99 acres—farms	181	36	32	87	77	346	1
acres	12 935	2 366	2 182	6 086	5 421	24 171	(D)
100 to 199 acres—farms	150	27	32	60	34	298	-
acres	21 517	4 032	4 232	8 209	4 705	41 857	-
200 to 499 acres—farms	137	23	16	68	31	213	-
acres	42 672	6 320	5 221	19 742	9 413	65 763	-
500 to 999 acres—farms	41	3	5	12	10	54	-
acres	26 118	(D)	2 646	(D)	6 677	36 173	-
1,000 acres or more—farms	12	1	-	1	3	12	-
acres	18 444	(D)	-	(D)	4 463	21 044	-
1978 acres harvested:							
1 to 9 acres—farms	87	18	15	6	19	91	6
acres	486	96	78	36	82	489	18
10 to 19 acres—farms	128	34	24	22	30	117	2
acres	1 731	466	348	291	396	1 684	(D)
20 to 29 acres—farms	102	29	36	31	28	126	2
acres	2 448	659	849	729	648	3 047	(D)
30 to 49 acres—farms	141	43	34	37	61	203	2
acres	5 339	1 563	1 273	1 399	2 343	7 826	(D)
50 to 99 acres—farms	189	49	48	98	67	374	1
acres	13 353	3 378	3 429	6 656	4 682	26 360	(D)
100 to 199 acres—farms	165	35	29	81	50	303	1
acres	23 028	4 624	4 002	11 459	6 715	41 492	(D)
200 to 499 acres—farms	142	19	20	68	23	216	-
acres	42 058	5 243	(D)	20 640	7 723	63 766	-
500 to 999 acres—farms	39	3	1	8	4	35	-
acres	(D)	(D)	(D)	4 836	(D)	23 795	-
1,000 acres or more—farms	2	1	-	-	2	8	-
acres	(D)	(D)	-	-	(D)	11 089	-
Cropland used only for pasture or grazing—farms, 1982	396	135	123	235	161	407	10
1978	445	131	127	227	161	424	7
acres, 1982	13 387	6 221	8 760	13 676	12 151	8 207	(D)
1978	16 917	6 464	8 607	14 883	11 593	9 743	352
Other cropland—farms, 1982	354	87	67	217	120	578	9
1978	444	125	94	169	137	799	9
acres, 1982	9 171	2 157	2 348	11 337	4 545	12 940	280
1978	14 020	3 404	3 577	9 140	5 409	22 622	370
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	104	23	21	44	35	151	4
1978	182	49	17	40	35	261	3
acres, 1982	2 619	480	313	1 526	1 163	2 712	(D)
1978	4 734	1 003	441	1 516	1 172	5 422	80
Cropland on which all crops failed—farms, 1982	42	10	18	122	21	81	-
1978	57	23	21	64	24	85	3
acres, 1982	649	189	695	4 415	405	1 121	-
1978	1 433	240	459	1 756	575	1 187	(D)
Cropland in cultivated summer fallow—farms, 1982	21	16	13	29	36	197	2
1978	37	31	23	54	41	233	4
acres, 1982	370	145	244	745	574	3 840	(D)
1978	653	539	645	1 000	591	5 539	(D)
Cropland idle—farms, 1982	234	54	36	100	64	304	6
1978	282	65	56	90	92	470	3
acres, 1982	5 533	1 343	1 096	4 651	2 403	5 267	219
1978	7 200	1 622	2 032	4 868	3 071	10 474	189
Total woodland—farms, 1982	623	203	155	263	221	833	11
1978	648	198	148	257	205	862	10
acres, 1982	23 488	12 638	13 498	21 047	16 806	21 881	661
1978	25 263	12 492	14 518	20 203	16 563	22 492	982
Woodland pastured—farms, 1982	138	68	87	105	97	127	4
1978	189	73	64	96	93	155	7
acres, 1982	3 061	1 878	4 756	5 151	8 219	2 374	190
1978	4 626	2 655	5 565	5 157	6 062	3 499	236

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS AND LAND IN FARMS							
Farms—number, 1982	315	123	1 372	253	990	433	82
1978	332	116	1 398	230	990	419	72
Land in farms—acres, 1982	81 335	32 576	244 551	47 865	160 825	74 013	10 889
1978	92 203	33 390	239 006	47 685	156 560	74 712	10 557
Average size of farm—acres, 1982	258	265	178	189	162	171	133
1978	278	288	171	207	158	178	147
Approximate land area—acres, 1982	750 880	492 972	370 745	299 436	410 592	323 417	707 296
Proportion in farms—percent, 1982	10.8	6.6	66.0	16.0	39.2	22.9	1.5
Value of land and buildings[1]:							
Average per farm—dollars, 1982	124 870	147 081	217 948	157 158	216 244	140 991	65 012
1978	92 991	149 724	151 234	94 578	187 504	111 086	53 458
Average per acre—dollars, 1982	423	546	1 178	773	1 277	805	490
1978	324	522	902	470	1 238	645	365
LAND IN FARMS ACCORDING TO USE							
Total cropland—farms, 1982	299	117	1 306	243	956	414	77
1978	321	114	1 377	225	966	414	69
acres, 1982	40 222	16 395	192 572	25 909	134 134	52 844	5 382
1978	46 163	15 671	187 974	25 534	132 430	50 537	5 010
Harvested cropland—farms, 1982	280	114	1 245	222	916	390	71
1978	305	112	1 347	222	940	401	65
acres, 1982	26 949	12 180	166 593	16 173	117 923	38 787	(D)
1978	29 103	11 355	150 844	16 549	110 175	34 858	(D)
1982 acres harvested:							
1 to 9 acres—farms	22	17	108	32	126	15	6
acres	85	79	617	133	603	85	31
10 to 19 acres—farms	35	7	161	42	132	60	13
acres	448	104	2 281	561	1 776	815	170
20 to 29 acres—farms	24	10	133	20	92	43	8
acres	549	236	3 177	457	2 169	978	185
30 to 49 acres—farms	39	16	168	45	138	57	18
acres	1 428	591	6 357	1 667	5 049	2 173	609
50 to 99 acres—farms	74	16	247	37	150	108	22
acres	5 173	1 058	17 881	2 496	10 476	7 852	1 614
100 to 199 acres—farms	48	24	203	21	135	61	3
acres	6 715	3 250	28 224	2 740	19 111	8 421	(D)
200 to 499 acres—farms	33	24	150	22	99	32	1
acres	9 229	6 862	46 804	5 689	30 567	9 392	(D)
500 to 999 acres—farms	5	-	58	2	28	14	-
acres	3 322	-	38 810	(D)	18 819	9 071	-
1,000 acres or more—farms	-	-	17	1	16	-	-
acres	-	-	22 442	(D)	29 353	-	-
1978 acres harvested:							
1 to 9 acres—farms	20	6	85	23	82	22	7
acres	84	26	521	110	369	102	26
10 to 19 acres—farms	25	9	171	32	134	49	11
acres	360	131	2 457	412	1 843	686	157
20 to 29 acres—farms	31	16	160	33	103	42	9
acres	714	378	3 812	769	2 392	992	203
30 to 49 acres—farms	50	17	222	44	163	80	16
acres	1 855	649	8 509	1 651	6 091	3 006	603
50 to 99 acres—farms	77	15	269	47	181	103	12
acres	5 418	1 043	18 502	3 258	13 001	6 907	891
100 to 199 acres—farms	67	31	237	22	132	68	9
acres	9 397	4 084	33 775	3 256	18 651	9 311	1 177
200 to 499 acres—farms	32	18	153	18	107	31	1
acres	9 558	5 044	46 889	4 713	32 470	9 372	(D)
500 to 999 acres—farms	3	-	45	3	27	5	-
acres	1 717	-	29 961	2 380	18 725	(D)	-
1,000 acres or more—farms	-	-	5	-	11	1	-
acres	-	-	6 418	-	16 633	(D)	-
Cropland used only for pasture or grazing—farms, 1982	188	63	469	139	260	221	47
1978	191	68	494	137	261	222	44
acres, 1982	8 727	2 440	11 395	6 606	4 981	9 244	(D)
1978	11 472	3 016	15 476	6 430	6 920	9 746	(D)
Other cropland—farms, 1982	118	46	459	111	363	189	21
1978	135	34	740	85	460	190	22
acres, 1982	4 546	1 775	14 584	3 130	11 230	4 813	424
1978	5 588	1 300	21 654	2 555	15 335	5 933	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	27	17	94	33	75	32	7
1978	42	17	248	31	125	52	3
acres, 1982	828	976	1 818	785	1 597	534	(D)
1978	1 578	934	5 613	644	4 220	1 310	(D)
Cropland on which all crops failed—farms, 1982	33	11	46	14	37	37	6
1978	40	7	48	23	65	30	3
acres, 1982	648	199	755	233	465	1 056	59
1978	593	59	1 305	294	1 128	671	18
Cropland in cultivated summer fallow—farms, 1982	39	9	156	26	130	84	2
1978	52	12	270	25	140	72	2
acres, 1982	819	139	3 905	343	3 333	1 328	(D)
1978	1 227	137	5 409	301	3 336	1 477	(D)
Cropland idle—farms, 1982	73	19	267	61	211	96	13
1978	71	10	391	38	235	99	15
acres, 1982	2 251	461	8 106	1 769	5 835	1 895	282
1978	2 190	170	9 327	1 316	6 651	2 475	305
Total woodland—farms, 1982	263	101	786	195	461	269	61
1978	258	99	830	177	496	285	49
acres, 1982	33 972	13 833	27 508	16 166	13 199	14 746	3 648
1978	34 702	15 508	24 248	15 655	12 717	17 297	2 967
Woodland pastured—farms, 1982	94	45	193	77	55	118	26
1978	106	51	195	69	86	147	20
acres, 1982	6 369	2 317	4 116	2 968	846	6 266	839
1978	7 615	2 276	3 567	4 021	1 203	8 433	761

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS AND LAND IN FARMS								
Farms—number, 1982	462	1 215	1 354	195	1 655	1 105	1 187	244
1978	487	1 334	1 542	212	1 800	1 067	1 232	237
Land in farms—acres, 1982	74 148	288 828	264 630	35 538	434 975	222 742	242 776	57 463
1978	75 990	280 016	263 797	41 659	405 649	226 301	244 245	60 079
Average size of farm—acres, 1982	160	238	195	182	263	202	205	236
1978	156	210	171	197	225	212	198	253
Approximate land area—acres, 1982	298 374	365 081	385 862	648 704	531 046	358 214	369 299	349 420
Proportion in farms—percent, 1982	24.9	79.1	68.6	5.5	81.9	62.2	65.7	16.4
Value of land and buildings[1]:								
Average per farm—dollars, 1982	233 675	362 160	241 991	89 210	424 587	262 235	201 496	175 029
1978	203 078	202 472	163 964	69 845	271 705	219 480	163 086	144 017
Average per acre—dollars, 1982	1 451	1 592	1 169	479	1 566	1 323	1 025	590
1978	1 250	991	940	280	1 233	1 054	843	589
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	447	1 174	1 304	191	1 583	1 044	1 138	239
1978	480	1 311	1 497	212	1 742	1 038	1 209	234
acres, 1982	51 058	248 451	204 267	18 722	384 598	183 799	195 746	35 022
1978	50 286	236 237	204 537	22 844	350 764	180 932	192 331	34 678
Harvested cropland—farms, 1982	425	1 142	1 246	182	1 556	976	1 098	228
1978	472	1 295	1 448	203	1 721	999	1 184	226
acres, 1982	39 072	236 505	186 636	10 021	358 724	160 037	173 200	25 756
1978	38 119	209 105	173 331	12 557	309 874	151 990	157 622	23 701
1982 acres harvested:								
1 to 9 acres—farms	67	55	75	37	50	146	68	18
acres	318	298	423	138	240	750	347	93
10 to 19 acres—farms	53	66	142	19	55	137	104	34
acres	713	953	1 953	254	758	1 878	1 419	480
20 to 29 acres—farms	33	75	88	27	46	79	80	31
acres	793	1 773	2 094	599	1 084	1 863	1 880	722
30 to 49 acres—farms	74	139	198	23	116	125	148	31
acres	2 807	5 146	7 567	867	4 491	4 725	5 617	1 155
50 to 99 acres—farms	96	203	262	44	305	136	247	35
acres	6 526	14 813	18 337	2 925	22 617	9 806	17 776	2 354
100 to 199 acres—farms	51	216	195	23	390	153	202	50
acres	6 785	30 429	26 153	2 791	55 626	21 324	29 072	6 544
200 to 499 acres—farms	41	272	190	9	439	127	186	19
acres	12 790	87 591	56 571	2 447	133 239	41 459	57 170	5 412
500 to 999 acres—farms	6	94	80	-	116	44	48	9
acres	3 898	65 619	53 626	-	80 076	29 001	32 133	(D)
1,000 acres or more—farms	4	22	16	-	39	29	15	1
acres	4 442	29 883	19 912	-	60 593	49 231	27 786	(D)
1978 acres harvested:								
1 to 9 acres—farms	49	44	59	32	43	77	51	12
acres	209	222	341	127	208	385	306	47
10 to 19 acres—farms	59	66	171	26	70	128	96	30
acres	790	928	2 279	366	989	1 777	1 352	418
20 to 29 acres—farms	48	89	134	17	92	109	85	23
acres	1 147	2 157	3 162	385	2 112	2 623	2 006	518
30 to 49 acres—farms	100	175	262	44	175	145	198	42
acres	3 761	6 764	9 805	1 676	6 666	5 580	7 416	1 594
50 to 99 acres—farms	105	285	341	40	398	159	269	48
acres	7 239	19 779	24 226	2 733	28 759	10 919	18 847	3 479
100 to 199 acres—farms	66	284	235	32	436	163	252	47
acres	8 899	39 253	32 675	4 118	62 072	22 925	34 559	6 193
200 to 499 acres—farms	41	278	177	12	405	158	193	20
acres	12 590	85 864	51 521	3 152	121 642	47 643	59 491	5 644
500 to 999 acres—farms	3	61	62	-	76	43	31	2
acres	(D)	39 039	41 425	-	52 242	28 926	21 272	(D)
1,000 acres or more—farms	1	13	7	-	26	17	9	2
acres	(D)	15 099	7 897	-	35 184	31 212	12 373	(D)
Cropland used only for pasture or grazing—farms, 1982	120	201	381	105	353	340	371	113
1978	125	249	439	121	454	347	435	125
acres, 1982	4 988	4 887	7 393	4 507	10 912	7 800	9 348	5 778
1978	4 352	9 134	11 100	5 435	17 326	11 130	14 022	7 099
Other cropland—farms, 1982	201	306	429	109	443	384	452	84
1978	239	575	797	128	693	518	604	127
acres, 1982	6 998	7 059	10 238	4 194	14 962	15 962	13 198	3 488
1978	7 815	17 998	20 106	4 852	23 564	17 812	20 687	3 878
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	74	73	118	43	91	72	124	15
1978	82	196	215	47	164	145	186	28
acres, 1982	1 513	1 314	2 642	913	1 927	3 325	3 669	330
1978	2 213	5 208	3 614	1 453	3 532	3 512	4 710	520
Cropland on which all crops failed—farms, 1982	32	35	62	22	63	36	40	15
1978	31	53	116	28	86	28	27	28
acres, 1982	451	494	1 066	296	1 291	551	1 109	431
1978	553	962	1 857	424	1 725	255	658	658
Cropland in cultivated summer fallow—farms, 1982	38	67	58	30	173	151	133	27
1978	44	152	143	35	241	176	207	60
acres, 1982	492	1 148	1 121	492	5 537	3 684	2 412	810
1978	861	3 984	2 725	450	6 812	4 239	4 768	1 400
Cropland idle—farms, 1982	143	187	285	69	210	226	272	54
1978	164	300	546	83	386	302	397	57
acres, 1982	4 542	4 103	5 409	2 493	6 207	8 402	6 008	1 917
1978	4 188	7 844	11 910	2 525	11 495	9 806	10 551	1 300
Total woodland—farms, 1982	301	619	819	168	647	591	720	163
1978	308	682	929	180	748	582	777	157
acres, 1982	15 395	23 249	26 870	13 186	25 089	19 677	22 471	18 450
1978	15 025	22 706	27 978	14 129	27 510	20 193	24 250	19 916
Woodland pastured—farms, 1982	53	79	146	47	140	122	154	84
1978	43	121	187	66	201	128	166	69
acres, 1982	1 018	2 193	2 886	2 198	4 496	2 102	3 782	8 228
1978	865	3 543	4 753	3 377	6 479	2 699	4 379	10 456

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARMS AND LAND IN FARMS								
Farms—number, 1982	98	1 016	1 242	961	91	1 524	4	123
1978	92	999	1 190	976	92	1 461	5	126
Land in farms—acres, 1982	29 025	200 872	235 184	177 191	17 685	223 215	390	21 883
1978	26 142	201 906	242 219	174 980	19 759	229 513	260	23 496
Average size of farm—acres, 1982	296	198	189	184	194	146	98	178
1978	284	202	204	179	215	157	52	186
Approximate land area—acres, 1982	744 371	369 017	450 995	359 660	360 294	551 532	347 827	363 372
Proportion in farms—percent, 1982	3.9	54.4	52.1	49.3	4.9	40.5	.1	6.0
Value of land and buildings[1]:								
Average per farm—dollars, 1982	137 653	192 317	196 427	243 226	152 626	208 033	66 500	104 268
1978	83 761	150 071	181 805	209 419	128 087	176 006	10 000	81 866
Average per acre—dollars, 1982	465	982	1 068	1 297	785	1 441	682	604
1978	295	745	852	1 134	596	1 061	192	414
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	92	981	1 204	916	87	1 443	4	120
1978	91	975	1 153	942	88	1 429	4	123
acres, 1982	12 896	159 774	172 702	140 502	11 820	172 801	150	11 916
1978	12 193	157 150	175 385	132 507	11 858	179 055	68	13 154
Harvested cropland—ferms, 1982	89	947	1 145	867	75	1 360	1	105
1978	90	943	1 101	903	83	1 382	2	116
acres, 1982	8 551	136 700	147 343	119 609	8 143	146 441	(D)	7 529
1978	7 620	128 362	139 676	110 087	7 320	145 605	(D)	6 321
1982 acres harvested:								
1 to 9 acres—farms	8	55	141	164	11	216	1	12
acres	32	309	763	662	66	1 038	(D)	68
10 to 19 acres—farms	6	81	165	117	12	186	-	10
acres	83	1 076	2 221	1 579	161	2 456	-	142
20 to 29 acres—farms	11	71	125	86	6	123	-	16
acres	256	1 649	2 900	2 059	156	2 885	-	388
30 to 49 acres—farms	19	126	178	116	5	175	-	19
acres	695	4 707	6 672	4 368	186	6 726	-	712
50 to 99 acres—farms	16	208	211	121	14	254	-	28
acres	998	14 847	14 883	8 568	1 069	17 768	-	1 813
100 to 199 acres—farms	18	192	148	108	14	203	-	10
acres	2 572	27 094	19 777	15 112	1 863	28 441	-	1 382
200 to 499 acres—farms	9	163	124	93	11	148	-	10
acres	(D)	50 178	39 742	29 414	(D)	43 921	-	3 024
500 to 999 acres—farms	2	42	33	42	2	46	-	-
acres	(D)	28 027	23 857	29 961	(D)	29 878	-	-
1,000 acres or more—farms	-	9	20	20	-	9	-	-
acres	-	10 813	36 528	27 886	-	13 328	-	-
1978 acres harvested:								
1 to 9 acres—farms	3	30	102	164	8	159	1	6
acres	14	188	575	696	40	736	(D)	31
10 to 19 acres—farms	8	83	131	117	8	196	-	21
acres	121	1 208	1 854	1 633	102	2 755	-	288
20 to 29 acres—farms	11	74	140	92	11	154	1	20
acres	268	1 718	3 350	2 162	239	3 617	(D)	458
30 to 49 acres—farms	17	152	195	109	15	208	-	26
acres	641	5 685	7 534	4 036	552	7 873	-	990
50 to 99 acres—farms	24	198	227	137	20	252	-	30
acres	1 509	13 928	16 166	9 426	1 418	17 563	-	1 948
100 to 199 acres—farms	18	202	131	109	12	209	-	8
acres	2 087	28 972	18 167	15 270	1 796	29 566	-	1 232
200 to 499 acres—farms	8	168	126	121	7	154	-	5
acres	(D)	51 683	38 661	36 486	(D)	45 786	-	1 374
500 to 999 acres—farms	1	33	29	48	2	43	-	-
acres	(D)	21 668	19 415	32 221	(D)	28 562	-	-
1,000 acres or more—farms	-	3	20	6	-	7	-	-
acres	-	3 312	33 954	8 157	-	9 147	-	-
Cropland used only for pasture or grazing—farms, 1982	47	317	433	270	39	566	3	78
1978	49	334	457	296	33	560	2	77
acres, 1982	2 886	10 034	10 960	6 317	1 401	13 691	(D)	3 023
1978	2 754	11 951	14 807	6 995	1 373	16 349	(D)	4 161
Other cropland—farms, 1982	31	354	461	332	52	515	3	50
1978	25	523	578	456	51	639	2	72
acres, 1982	1 459	11 040	14 399	14 576	2 276	12 669	75	1 364
1978	1 819	16 837	20 902	15 425	3 165	17 101	(D)	2 672
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	12	53	135	110	18	136	1	19
1978	11	167	192	174	21	226	-	26
acres, 1982	(D)	1 212	3 429	3 726	422	2 944	(D)	296
1978	881	3 753	3 655	4 747	603	5 563	-	644
Cropland on which all crops failed—farms, 1982	5	72	35	43	13	28	-	6
1978	1	61	26	40	8	45	-	18
acres, 1982	27	2 269	718	959	296	358	-	60
1978	(D)	1 251	279	764	239	670	-	251
Cropland in cultivated summer fallow—farms, 1982	2	118	120	33	11	106	-	12
1978	8	161	141	83	14	160	1	23
acres, 1982	(D)	2 277	2 033	1 667	235	1 619	-	148
1978	(D)	3 758	3 681	1 956	208	2 960	(D)	530
Cropland idle—farms, 1982	24	187	298	206	33	331	2	31
1978	15	288	371	280	41	370	1	37
acres, 1982	784	5 282	8 219	8 224	1 323	7 748	(D)	860
1978	783	6 075	13 287	7 958	2 115	7 906	(D)	1 247
Total woodland—farms, 1982	89	564	704	487	70	812	4	88
1978	79	616	710	466	68	777	3	97
acres, 1982	13 945	22 968	24 784	15 914	4 704	23 976	240	6 443
1978	11 633	25 250	25 416	20 832	3 297	25 031	80	7 002
Woodlend pastured—farms, 1982	46	173	147	94	12	152	-	37
1978	51	169	191	83	10	167	-	37
ecres, 1982	4 767	6 029	4 635	1 988	378	3 420	-	2 733
1978	5 890	5 467	5 944	2 536	393	3 655	-	1 894

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS AND LAND IN FARMS								
Farms—number, 1982	1 361	429	1 619	884	30	96	819	304
1978	1 323	420	1 840	792	30	87	838	341
Land in farms—acres, 1982	225 945	72 455	376 296	137 918	10 813	31 120	91 222	49 377
1978	233 427	72 351	373 727	136 212	11 402	27 861	89 489	57 183
Average size of farm—acres, 1982	166	169	232	156	360	324	111	162
1978	176	172	203	172	380	320	107	168
Approximate land area—acres, 1982	421 145	218 489	481 625	367 571	578 854	656 313	308 748	347 430
Proportion in farms—percent, 1982	53.7	33.2	78.1	37.5	1.9	4.7	29.5	14.2
Value of land and buildings[1]:								
Average per farm—dollars, 1982	218 672	265 869	343 484	205 606	162 400	127 167	222 825	135 592
1978	220 450	169 627	266 652	222 019	166 667	106 897	195 558	98 845
Average per acre—dollars, 1982	1 351	1 493	1 479	1 392	451	392	1 952	907
1978	1 237	1 010	1 318	1 293	439	334	1 857	615
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	1 306	418	1 540	827	30	95	779	294
1978	1 300	418	1 787	763	30	83	817	335
acres, 1982	178 853	41 825	328 020	103 952	5 214	17 257	77 197	28 935
1978	183 353	40 750	324 870	102 352	7 690	16 792	75 327	32 494
Harvested cropland—farms, 1982	1 219	408	1 490	753	29	91	751	279
1978	1 245	410	1 749	722	27	80	797	329
acres, 1982	147 303	31 464	310 907	85 977	3 543	12 218	68 048	18 837
1978	144 324	28 639	296 952	79 681	2 813	10 706	61 443	19 302
1982 acres harvested:								
1 to 9 acres—farms	133	51	121	135	2	5	146	47
acres	674	222	658	672	(D)	14	622	228
10 to 19 acres—farms	192	48	118	116	3	8	96	52
acres	2 635	638	1 634	1 594	37	97	1 349	686
20 to 29 acres—farms	129	53	81	72	1	6	81	41
acres	2 996	1 218	1 903	1 674	(D)	132	1 894	970
30 to 49 acres—farms	150	76	165	100	6	17	106	47
acres	5 716	2 861	6 316	3 824	214	632	3 975	1 757
50 to 99 acres—farms	252	95	287	118	5	17	126	49
acres	17 447	6 594	20 659	7 982	(D)	1 184	8 834	3 246
100 to 199 acres—farms	159	49	261	86	6	14	100	23
acres	21 996	6 817	36 988	12 034	898	2 014	13 924	2 920
200 to 499 acres—farms	151	30	292	84	6	22	72	13
acres	45 658	8 414	91 358	25 406	1 961	(D)	19 531	3 494
500 to 999 acres—farms	33	5	127	35	-	1	23	6
acres	21 139	(D)	87 173	24 185	-	(D)	(D)	(D)
1,000 acres or more—farms	20	1	38	7	-	1	1	1
acres	29 042	(D)	64 218	8 606	-	(D)	(D)	(D)
1978 acres harvested:								
1 to 9 acres—farms	101	56	105	76	-	1	134	47
acres	496	251	570	374	-	(D)	513	280
10 to 19 acres—farms	157	56	151	110	1	6	123	56
acres	2 214	768	2 124	1 520	(D)	(D)	1 647	806
20 to 29 acres—farms	158	44	128	81	2	7	81	44
acres	3 648	1 013	3 015	1 857	(D)	170	1 918	1 006
30 to 49 acres—farms	184	70	211	104	8	14	130	81
acres	6 979	2 670	8 054	3 968	(D)	542	4 880	3 004
50 to 99 acres—farms	255	103	391	134	5	18	158	49
acres	17 553	6 966	28 179	9 582	323	1 273	10 964	3 431
100 to 199 acres—farms	185	53	316	94	7	13	89	34
acres	26 521	7 052	44 864	13 300	955	1 870	12 423	4 289
200 to 499 acres—farms	161	26	304	98	4	20	69	12
acres	48 485	(D)	95 067	30 075	1 189	(D)	19 578	2 957
500 to 999 acres—farms	29	2	117	22	-	1	10	6
acres	18 471	(D)	77 438	15 506	-	(D)	6 273	3 529
1,000 acres or more—farms	15	-	26	3	-	-	3	-
acres	19 957	-	37 641	3 499	-	-	3 247	-
Cropland used only for pasture or grazing—farms, 1982	524	90	242	343	8	61	163	104
1978	556	82	296	331	19	52	211	121
acres, 1982	12 713	4 307	6 877	8 189	658	3 941	2 738	3 593
1978	16 684	3 788	7 721	10 046	(D)	3 776	4 971	4 499
Other cropland—farms, 1982	533	208	420	326	13	31	284	173
1978	662	236	694	373	10	44	374	225
acres, 1982	18 837	6 054	10 236	9 786	1 013	1 098	6 411	6 505
1978	22 345	8 323	20 197	12 625	(D)	2 310	8 913	8 693
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	122	81	77	90	2	2	41	73
1978	166	79	138	112	2	8	64	92
acres, 1982	3 741	1 689	1 873	1 974	(D)	(D)	682	1 924
1978	4 079	1 784	2 516	2 044	(D)	164	1 341	1 908
Cropland on which all crops failed—farms, 1982	65	14	57	38	4	8	49	14
1978	97	16	71	52	7	17	58	27
acres, 1982	1 400	147	946	404	62	220	560	243
1978	2 428	194	1 331	1 090	586	917	955	345
Cropland in cultivated summer fallow—farms, 1982	180	44	67	93	3	8	106	35
1978	238	33	172	111	5	11	125	58
acres, 1982	5 137	635	1 375	2 642	(D)	(D)	2 276	738
1978	5 798	441	4 314	3 019	(D)	248	2 095	825
Cropland idle—farms, 1982	316	134	261	206	9	20	169	115
1978	364	180	437	210	3	24	234	168
acres, 1982	8 559	3 583	6 042	4 766	514	696	2 893	3 600
1978	10 040	5 904	12 036	6 472	131	981	4 522	5 615
Total woodland—farms, 1982	695	323	691	459	26	84	292	223
1978	735	331	798	443	22	70	305	260
acres, 1982	23 378	17 192	23 456	14 556	4 266	10 077	6 818	15 225
1978	26 536	19 362	24 140	14 658	2 987	7 158	6 592	18 380
Woodland pastured—farms, 1982	152	60	74	93	8	34	72	50
1978	168	44	123	99	13	31	66	60
acres, 1982	4 464	2 485	3 150	2 454	1 208	3 012	1 150	1 653
1978	5 745	3 033	3 435	2 890	1 147	1 802	1 299	2 435

See footnotes at end of table.

Table 1. Farms, Land in Farms, and Land Use: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS AND LAND IN FARMS								
Farms—number, 1982	125	492	684	458	502	343	1 458	1 132
1978	101	496	687	488	524	361	1 529	1 210
Land in farms—acres, 1982	29 645	85 809	136 384	138 157	93 299	93 925	241 736	240 591
1978	27 814	87 234	139 885	146 332	94 386	100 823	231 839	243 125
Average size of farm—acres, 1982	237	174	199	302	186	274	166	213
1978	275	176	204	300	180	279	152	201
Approximate land area—acres, 1982	1 165 708	316 467	358 534	668 979	336 025	361 510	356 281	456 051
Proportion in farms—percent, 1982	2.5	27.1	38.0	20.7	27.8	26.0	67.8	52.8
Value of land and buildings[1]:								
Average per farm—dollars, 1982	104 320	170 415	152 830	147 013	268 655	243 939	293 853	176 041
1978	119 158	115 105	119 595	111 659	178 298	162 846	243 412	156 395
Average per acre—dollars, 1982	472	1 011	788	552	1 427	814	1 701	863
1978	433	656	656	371	1 071	557	1 583	743
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	117	479	669	442	466	334	1 397	1 083
1978	98	487	675	483	508	360	1 495	1 189
acres, 1982	10 568	62 683	93 022	69 101	72 404	64 679	217 231	183 585
1978	10 215	61 308	91 105	74 716	71 404	65 124	209 343	182 467
Harvested cropland—farms, 1982	99	448	631	421	434	322	1 354	1 047
1978	94	471	653	472	494	347	1 465	1 164
acres, 1982	6 022	49 740	68 214	54 544	67 264	53 047	208 633	160 632
1978	6 715	44 755	62 277	56 451	62 718	48 927	195 770	142 710
1982 acres harvested:								
1 to 9 acres—farms	19	64	44	26	40	21	142	88
acres	77	293	254	137	233	92	653	506
10 to 19 acres—farms	12	61	80	39	46	16	142	104
acres	144	835	1 112	562	671	196	1 946	1 386
20 to 29 acres—farms	22	43	87	27	35	12	101	116
acres	489	1 033	2 026	630	797	277	2 432	2 750
30 to 49 acres—farms	12	57	89	61	74	43	175	143
acres	453	2 107	3 486	2 343	2 775	1 589	6 629	5 431
50 to 99 acres—farms	20	78	144	97	91	56	258	181
acres	1 351	5 728	10 030	6 867	6 359	4 037	18 812	12 527
100 to 199 acres—farms	6	73	88	83	66	75	230	176
acres	804	10 499	12 117	12 099	9 824	10 953	32 288	25 001
200 to 499 acres—farms	8	50	76	70	47	85	219	167
acres	2 704	13 791	22 164	20 189	15 236	26 435	64 114	52 467
500 to 999 acres—farms	-	19	20	18	26	13	62	60
acres	-	11 991	12 365	11 717	16 844	(D)	41 376	43 504
1,000 acres or more—farms	-	3	3	-	9	1	25	12
acres	-	3 463	4 660	-	14 525	(D)	40 383	17 060
1978 acres harvested:								
1 to 9 acres—farms	12	54	29	12	35	6	115	48
acres	42	282	180	75	203	25	592	287
10 to 19 acres—farms	14	69	90	36	54	26	146	134
acres	163	943	1 277	500	785	342	2 083	1 924
20 to 29 acres—farms	13	47	85	48	52	19	115	130
acres	295	1 087	1 953	1 125	1 172	422	2 746	3 088
30 to 49 acres—farms	15	75	104	72	88	50	211	202
acres	543	2 825	3 919	2 688	3 327	1 908	8 025	7 682
50 to 99 acres—farms	22	89	159	123	104	77	347	239
acres	1 454	6 233	11 163	8 501	7 135	5 721	25 026	16 533
100 to 199 acres—farms	8	77	108	91	80	84	236	211
acres	1 121	10 500	15 312	12 822	11 248	12 174	32 255	28 910
200 to 499 acres—farms	10	47	64	74	60	77	229	156
acres	3 097	14 390	18 660	21 491	18 851	22 697	68 116	49 441
500 to 999 acres—farms	-	12	12	16	15	6	47	37
acres	-	(D)	(D)	9 249	9 992	(D)	32 314	24 866
1,000 acres or more—farms	-	1	2	-	6	2	19	7
acres	-	(D)	(D)	-	10 005	(D)	24 613	9 979
Cropland used only for pasture or grazing—farms, 1982	65	173	318	267	94	168	150	347
1978	57	172	296	295	120	192	133	412
acres, 1982	3 279	4 459	12 041	10 624	1 503	8 127	2 019	7 768
1978	2 368	6 184	11 632	12 882	3 670	9 857	1 908	12 870
Other cropland—farms, 1982	29	249	353	132	148	106	284	511
1978	36	273	415	171	194	197	519	739
acres, 1982	1 267	8 484	12 767	3 933	3 637	3 505	6 579	15 185
1978	1 132	10 369	17 196	5 383	5 016	6 340	11 665	26 887
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	4	77	120	34	24	40	62	198
1978	21	108	161	44	57	77	145	304
acres, 1982	61	2 057	3 079	982	331	1 051	1 838	5 024
1978	425	2 869	4 556	954	1 284	1 889	2 131	7 774
Cropland on which all crops failed—farms, 1982	5	22	43	29	39	14	60	53
1978	5	29	55	23	23	40	64	84
acres, 1982	145	264	695	478	679	262	1 868	939
1978	90	503	1 318	293	395	720	1 068	1 526
Cropland in cultivated summer fallow—farms, 1982	8	79	91	20	22	38	12	161
1978	4	81	134	34	33	62	67	253
acres, 1982	278	1 622	1 901	241	216	801	225	3 019
1978	63	2 410	2 812	798	853	1 147	1 755	6 083
Cropland idle—farms, 1982	21	151	224	87	88	61	169	252
1978	15	147	246	115	112	100	308	430
acres, 1982	783	4 541	7 092	2 232	2 411	1 391	2 648	6 203
1978	554	4 587	8 510	3 338	2 484	2 584	6 711	11 504
Total woodland—farms, 1982	104	297	510	383	277	225	460	693
1978	82	315	499	417	287	232	528	731
acres, 1982	13 743	15 731	27 810	60 261	14 388	17 248	9 945	35 120
1978	13 991	15 727	31 200	60 885	14 977	17 965	9 836	35 749
Woodland pastured—farms, 1982	48	46	126	132	91	74	65	150
1978	35	63	129	142	84	92	68	166
acres, 1982	2 496	1 258	5 743	8 941	2 770	3 667	885	4 253
1978	3 089	1 653	5 500	10 317	3 038	6 764	899	3 981

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARMS AND LAND IN FARMS								
Farms—number, 1982	106	481	784	688	735	308	145	549
1978	110	493	807	620	772	303	149	546
Land in farms—acres, 1982	24 401	85 256	128 523	69 053	130 279	67 380	38 665	117 686
1978	27 048	87 218	133 266	77 107	125 734	73 732	41 572	125 053
Average size of farm—acres, 1982	230	177	164	100	177	219	267	214
1978	246	177	165	124	163	243	279	229
Approximate land area—acres, 1982	352 019	324 505	541 945	559 923	346 163	364 544	838 931	363 968
Proportion in farms—percent, 1982	6.9	26.3	23.7	12.3	37.6	18.5	4.6	32.3
Value of land and buildings[1]:								
Average per farm—dollars, 1982	184 425	210 225	175 704	257 980	190 718	167 640	121 766	132 991
1978	123 118	147 293	112 265	266 953	122 183	131 788	69 403	99 584
Average per acre—dollars, 1982	739	1 217	1 096	2 592	1 121	744	437	641
1978	548	877	645	2 170	723	540	260	461
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	106	449	761	603	713	304	143	532
1978	108	489	796	558	762	299	147	537
acres, 1982	15 325	59 945	89 283	50 530	85 312	46 970	18 739	76 293
1978	16 327	60 651	91 824	52 867	84 793	47 287	19 217	79 383
Harvested cropland—farms, 1982	100	425	736	510	699	279	139	504
1978	101	464	774	488	747	294	143	516
acres, 1982	10 970	50 494	69 862	36 995	63 361	35 146	11 399	53 035
1978	10 972	48 568	66 822	35 969	59 203	35 404	12 715	53 659
1982 acres harvested:								
1 to 9 acres—farms	4	66	89	186	92	16	11	26
acres	11	292	501	753	452	73	45	166
10 to 19 acres—farms	11	66	105	86	116	32	12	50
acres	176	952	1 390	1 159	1 625	405	155	738
20 to 29 acres—farms	15	51	69	40	74	31	22	57
acres	316	1 147	1 643	942	1 719	709	479	1 292
30 to 49 acres—farms	15	61	132	57	102	36	25	90
acres	501	2 381	4 952	2 149	3 784	1 329	944	3 314
50 to 99 acres—farms	20	72	142	55	148	72	32	123
acres	1 343	4 733	9 727	3 651	10 488	5 091	2 420	8 509
100 to 199 acres—farms	19	45	93	37	83	41	26	90
acres	2 547	6 540	13 155	5 027	11 663	5 849	3 573	12 667
200 to 499 acres—farms	13	47	89	35	66	35	10	52
acres	4 261	14 534	26 786	10 245	19 550	10 907	(D)	15 729
500 to 999 acres—farms	3	12	16	10	14	15	1	16
acres	1 815	7 705	(D)	6 819	8 934	(D)	(D)	10 620
1,000 acres or more—farms	-	5	1	4	4	1	-	-
acres	-	12 210	(D)	6 250	5 146	(D)	-	-
1978 acres harvested:								
1 to 9 acres—farms	7	66	47	136	87	11	7	23
acres	45	272	276	491	489	46	34	131
10 to 19 acres—farms	10	68	97	73	130	23	12	44
acres	124	889	1 278	985	1 860	311	175	640
20 to 29 acres—farms	8	55	96	51	101	28	11	60
acres	187	1 311	2 282	1 181	2 365	656	263	1 370
30 to 49 acres—farms	19	84	175	63	115	63	30	101
acres	702	3 241	6 514	2 373	4 264	2 437	1 124	3 867
50 to 99 acres—farms	20	88	154	65	152	68	42	126
acres	1 434	6 093	10 600	4 267	10 454	4 644	2 991	8 834
100 to 199 acres—farms	24	48	122	43	83	51	30	95
acres	3 291	6 807	16 889	5 868	11 287	7 079	3 890	13 747
200 to 499 acres—farms	10	41	72	48	70	39	10	55
acres	3 081	12 291	22 234	14 041	20 630	12 731	(D)	17 005
500 to 999 acres—farms	3	8	11	7	6	11	1	12
acres	2 108	5 098	6 749	(D)	4 238	7 500	(D)	8 065
1,000 acres or more—farms	-	6	-	2	3	-	-	-
acres	-	12 566	-	(D)	3 616	-	-	-
Cropland used only for pasture or grazing—farms, 1982	59	184	343	262	213	163	89	311
1978	63	184	357	223	234	143	93	314
acres, 1982	2 135	3 745	8 855	8 056	6 883	9 608	4 502	16 798
1978	2 745	4 482	11 693	6 935	8 515	7 743	4 874	17 408
Other cropland—farms, 1982	39	183	335	178	412	92	59	204
1978	49	262	412	223	484	119	49	256
acres, 1982	2 220	5 706	10 566	5 479	15 068	2 216	2 838	6 460
1978	2 610	7 601	13 309	9 963	17 075	4 140	1 628	8 316
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	13	47	110	25	180	26	11	62
1978	24	88	137	57	222	38	16	89
acres, 1982	424	1 764	2 592	381	5 085	572	481	1 582
1978	572	2 150	2 800	1 346	5 106	683	261	1 686
Cropland on which all crops failed—farms, 1982	8	15	39	13	26	20	9	18
1978	17	41	52	16	56	24	6	42
acres, 1982	565	192	719	114	231	340	312	799
1978	519	774	999	282	638	612	83	809
Cropland in cultivated summer fallow—farms, 1982	19	40	83	38	114	30	5	50
1978	17	49	113	57	133	47	8	75
acres, 1982	652	555	1 091	1 178	1 949	606	56	835
1978	668	677	2 974	1 594	2 520	1 289	201	1 412
Cropland idle—farms, 1982	20	125	231	137	271	43	45	137
1978	20	168	247	150	299	59	37	151
acres, 1982	579	3 195	6 164	3 806	7 803	698	1 989	3 244
1978	851	4 000	6 536	6 741	8 811	1 556	1 083	4 409
Total woodland—farms, 1982	69	287	483	253	481	203	119	399
1978	75	308	509	239	482	214	130	406
acres, 1982	6 752	12 597	24 007	8 070	23 482	14 521	16 537	25 050
1978	6 167	15 480	24 833	8 902	22 671	18 971	20 214	27 453
Woodland pastured—farms, 1982	37	64	103	46	73	97	53	154
1978	39	77	150	64	102	117	77	154
acres, 1982	2 462	1 671	3 133	2 173	2 372	4 983	7 064	5 872
1978	2 234	4 049	5 645	2 158	3 494	8 153	10 853	8 444

See footnotes at end of table.

Table 1. Farms, Land in Farms, and Land Use: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginew	St. Clair	St. Joseph
FARMS AND LAND IN FARMS								
Farms—number, 1982	86	142	1 573	335	37	1 702	1 302	1 033
1978	80	151	1 588	347	31	1 817	1 316	1 083
Land in farms—acres, 1982	16 856	41 510	183 159	88 025	5 391	322 729	205 706	220 737
1978	17 110	41 490	190 645	89 310	6 456	334 821	206 258	223 042
Average size of farm—acres, 1982	196	292	116	263	146	190	158	214
1978	214	275	120	257	208	184	157	206
Approximate land area—acres, 1982	363 520	330 009	362 937	419 564	337 971	521 779	469 932	321 625
Proportion in farms—percent, 1982	4.6	12.6	50.5	21.0	1.6	61.9	43.8	68.6
Value of land and buildings[1]:								
Average per farm—dollars, 1982	133 395	165 197	201 530	185 764	99 514	316 116	177 611	277 468
1978	117 088	129 570	145 623	107 553	103 613	198 717	163 875	189 677
Average per acre—dollars, 1982	681	577	1 735	640	683	1 639	1 151	1 275
1978	547	456	1 210	378	498	1 095	1 104	993
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	84	138	1 486	326	33	1 648	1 258	980
1978	79	147	1 540	341	30	1 794	1 288	1 050
acres, 1982	9 288	18 777	145 741	51 726	3 391	282 524	176 126	181 493
1978	10 541	20 474	149 992	51 411	4 661	283 286	178 248	178 622
Harvested cropland—farms, 1982	78	130	1 414	302	28	1 614	1 178	936
1978	75	144	1 484	332	28	1 767	1 235	1 008
acres, 1982	6 723	12 153	123 172	38 011	(D)	273 534	143 393	161 056
1978	6 264	11 527	119 274	32 989	1 961	266 021	132 399	150 012
1982 acres harvested:								
1 to 9 acres—farms	9	7	274	12	5	129	117	83
acres	40	33	1 180	49	25	614	596	459
10 to 19 acres—farms	11	11	197	33	3	141	150	86
acres	158	149	2 682	454	36	1 950	2 014	1 176
20 to 29 acres—farms	8	5	136	18	5	94	125	63
acres	180	119	3 177	426	118	2 217	2 892	1 478
30 to 49 acres—farms	12	16	186	52	6	197	157	111
acres	440	576	6 896	1 954	219	7 363	6 011	4 189
50 to 99 acres—farms	16	53	273	90	6	363	225	176
acres	1 121	3 690	18 730	6 166	403	26 103	15 435	12 430
100 to 199 acres—farms	13	21	180	42	1	302	203	191
acres	1 870	2 609	24 869	5 869	(D)	42 464	28 740	27 091
200 to 499 acres—farms	9	17	143	39	2	263	150	147
acres	2 914	4 977	44 020	11 662	(D)	80 192	43 398	47 565
500 to 999 acres—farms	-	-	20	14	-	91	39	63
acres	-	-	13 249	(D)	-	62 189	25 365	40 691
1,000 acres or more—farms	-	-	5	2	-	34	12	16
acres	-	-	8 369	(D)	-	50 442	18 942	25 977
1978 acres harvested:								
1 to 9 acres—farms	6	9	222	7	3	87	82	63
acres	32	58	952	41	16	454	378	337
10 to 19 acres—farms	7	17	208	15	4	142	150	101
acres	97	223	2 876	212	47	1 964	2 076	1 364
20 to 29 acres—farms	9	9	186	38	5	112	142	79
acres	201	225	4 345	873	116	2 665	3 280	1 886
30 to 49 acres—farms	13	25	232	76	5	255	218	132
acres	532	940	8 734	2 975	190	9 655	8 188	4 972
50 to 99 acres—farms	19	45	289	97	5	436	266	228
acres	1 314	3 104	19 998	6 626	356	30 834	18 559	16 195
100 to 199 acres—farms	13	30	189	56	3	353	202	179
acres	1 675	4 060	26 333	7 721	435	49 983	28 484	24 521
200 to 499 acres—farms	8	9	140	38	3	281	142	157
acres	2 413	2 917	41 178	10 784	801	85 302	42 906	48 257
500 to 999 acres—farms	-	-	14	4	-	75	25	62
acres	-	-	8 749	(D)	-	49 336	16 474	39 559
1,000 acres or more—farms	-	-	4	1	-	26	8	7
acres	-	-	6 109	(D)	-	35 828	12 054	12 921
Cropland used only for pasture or grazing—farms, 1982	50	74	509	198	22	193	474	308
1978	55	72	575	224	18	232	495	392
acres, 1982	2 016	3 974	11 499	9 867	(D)	3 239	11 283	8 045
1978	3 328	4 506	14 581	13 124	2 344	5 617	15 003	10 856
Other cropland—farms, 1982	18	55	454	122	5	297	585	364
1978	33	85	624	125	10	525	747	486
acres, 1982	549	2 650	11 070	3 848	90	5 751	21 450	12 392
1978	949	4 441	16 137	5 298	356	11 648	30 846	17 754
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	4	19	140	29	2	70	79	112
1978	12	28	182	29	1	141	140	174
acres, 1982	117	971	3 423	1 181	(D)	1 226	2 415	2 536
1978	170	1 145	4 130	1 349	(D)	2 483	4 104	4 686
Cropland on which all crops failed—farms, 1982	-	6	28	37	-	50	103	34
1978	6	35	100	33	1	55	107	32
acres, 1982	-	193	443	802	-	484	2 392	506
1978	107	707	1 371	880	(D)	948	2 765	384
Cropland in cultivated summer fallow—farms, 1982	6	18	82	32	-	41	239	21
1978	7	22	127	60	4	110	342	59
acres, 1982	65	535	1 226	778	-	616	6 864	501
1978	123	459	2 929	1 026	74	1 909	10 501	1 853
Cropland idle—farms, 1982	13	31	298	51	3	177	341	257
1978	15	43	368	47	6	304	425	326
acres, 1982	367	951	5 978	1 087	(D)	3 425	9 779	8 849
1978	549	2 130	7 707	2 043	(D)	6 308	13 476	10 831
Total woodland—farms, 1982	69	121	603	254	23	754	615	537
1978	68	111	608	278	18	856	672	609
acres, 1982	5 353	18 978	19 551	26 767	1 551	22 131	14 054	16 656
1978	5 146	16 865	21 851	28 776	1 295	28 263	15 183	20 656
Woodland pastured—farms, 1982	40	45	195	129	12	124	152	125
1978	26	47	157	143	5	135	141	147
acres, 1982	2 652	7 314	6 273	9 347	744	2 384	2 837	2 926
1978	1 389	4 794	4 805	10 495	322	3 968	3 238	3 705

See footnotes at end of table.

Table 1. Farms, Land in Farms, and Land Use: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS AND LAND IN FARMS								
Farms—number, 1982	1 846	56	1 386	1 483	1 464	1 347	439	229
1978	1 969	54	1 384	1 563	1 615	1 362	463	227
Land in farms—acres, 1982	444 294	14 494	244 318	343 675	197 055	223 673	37 326	39 867
1978	447 673	14 250	252 001	344 694	206 380	235 477	33 450	44 031
Average size of farm—acres, 1982	241	259	176	232	135	166	85	174
1978	227	264	182	221	128	173	72	194
Approximate land eree—acres, 1982	617 216	750 969	345 830	519 731	391 296	454 560	393 664	362 016
Proportion in farms—percent, 1982	72.0	1.9	70.6	66.1	50.4	49.2	9.5	11.0
Value of land and buildings[1]:								
Average per farm—dollars, 1982	267 091	109 554	211 097	394 568	188 906	272 377	235 499	129 852
1978	212 156	97 926	153 645	313 584	137 900	245 035	170 471	108 493
Average per acre—dollars, 1982	1 107	423	1 198	1 721	1 454	1 669	2 647	761
1978	931	371	875	1 354	1 039	1 391	2 519	562
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms, 1982	1 803	56	1 358	1 434	1 434	1 271	406	217
1978	1 934	51	1 361	1 537	1 593	1 324	436	223
acres, 1982	391 182	7 783	203 254	301 425	149 638	179 023	30 649	25 317
1978	388 190	7 904	207 117	295 949	150 657	190 170	27 455	27 542
Harvested cropland—farms, 1982	1 751	53	1 316	1 394	1 376	1 201	375	201
1978	1 899	50	1 337	1 513	1 550	1 268	410	208
acres, 1982	345 800	5 213	182 595	281 916	120 184	161 359	27 085	17 301
1978	324 981	4 595	179 473	264 116	111 405	160 191	23 501	18 057
1982 acres harvested:								
1 to 9 acres—farms	76	12	79	84	298	168	127	24
acres	369	48	414	423	1 490	843	498	111
10 to 19 acres—farms	117	5	124	95	241	117	51	27
acres	1 650	67	1 741	1 315	3 333	1 607	675	351
20 to 29 acres—farms	105	2	112	100	152	106	22	21
acres	2 449	(D)	2 665	2 387	3 511	2 442	546	454
30 to 49 acres—farms	155	10	180	159	181	150	63	42
acres	5 918	329	6 631	5 939	6 651	5 771	2 389	1 571
50 to 99 acres—farms	342	10	303	275	206	224	44	37
acres	24 135	643	21 603	19 546	13 905	16 115	3 001	2 539
100 to 199 acres—farms	415	5	251	260	166	198	37	27
acres	58 862	550	35 659	37 653	22 510	27 919	4 743	3 593
200 to 499 acres—farms	397	8	196	275	95	171	19	19
acres	123 771	2 958	58 730	87 287	28 884	53 088	6 129	5 745
500 to 999 acres—farms	108	1	61	107	32	55	10	4
acres	73 273	(D)	40 051	70 843	19 871	36 714	(D)	2 937
1,000 acres or more—farms	36	-	10	39	5	12	2	-
acres	55 373	-	15 101	56 523	20 029	16 860	(D)	-
1978 acres harvested:								
1 to 9 acres—farms	56	4	46	47	285	116	149	19
acres	317	(D)	269	259	1 335	569	603	86
10 to 19 acres—farms	105	2	125	138	284	147	55	24
acres	1 516	(D)	1 766	1 895	3 849	2 065	737	339
20 to 29 acres—farms	147	6	116	112	192	110	30	24
acres	3 387	137	2 778	2 607	4 522	2 607	731	556
30 to 49 acres—farms	220	11	217	198	238	144	59	41
acres	8 373	382	8 090	7 524	8 970	5 419	2 178	1 516
50 to 99 acres—farms	370	13	317	314	275	282	55	45
acres	26 806	827	22 527	22 466	18 974	19 401	3 917	2 999
100 to 199 acres—farms	466	8	231	294	163	233	29	35
acres	66 532	1 067	33 228	41 613	22 765	32 857	3 883	5 003
200 to 499 acres—farms	416	5	230	295	94	185	28	16
acres	124 958	(D)	69 454	92 385	28 858	57 749	8 107	5 033
500 to 999 acres—farms	104	1	49	90	16	41	5	4
acres	70 729	(D)	31 918	59 899	10 692	27 093	3 345	2 525
1,000 acres or more—farms	15	-	6	25	3	10	-	-
acres	22 363	-	9 443	35 468	11 440	12 431	-	-
Cropland used only for pasture or grazing—farms, 1982	592	31	330	339	366	446	58	110
1978	670	32	371	367	390	518	55	106
acres, 1982	17 499	1 455	7 806	8 743	8 292	9 116	590	4 398
1978	23 821	2 545	9 631	11 174	9 873	15 123	668	4 628
Other cropland—farms, 1982	755	21	486	402	728	351	101	107
1978	1 011	13	651	621	929	510	132	136
acres, 1982	27 883	1 115	12 853	10 766	21 162	8 548	2 974	3 618
1978	39 388	764	18 013	20 659	29 379	14 856	3 286	4 857
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms, 1982	150	5	115	100	185	73	16	27
1978	244	1	251	207	287	147	18	59
acres, 1982	4 205	(D)	2 078	2 142	4 817	1 889	376	732
1978	6 875	(D)	4 798	5 066	7 113	3 629	307	1 378
Cropland on which all crops failed—farms, 1982	101	7	72	49	59	47	37	20
1978	146	5	58	63	109	48	21	26
acres, 1982	2 339	96	1 444	977	781	546	1 033	187
1978	4 597	570	1 245	1 339	2 842	872	512	308
Cropland in cultivated summer fallow—farms, 1982	334	4	142	89	85	65	18	24
1978	469	5	182	155	124	107	23	30
acres, 1982	9 740	(D)	2 927	1 640	1 266	1 720	223	404
1978	13 989	(D)	4 656	3 323	2 030	2 615	507	496
Cropland idle—farms, 1982	359	12	273	247	558	233	58	75
1978	504	7	345	352	662	333	99	85
acres, 1982	11 599	393	6 404	6 007	14 298	4 393	1 342	2 295
1978	13 927	141	7 314	10 939	17 394	7 740	1 960	2 675
Total woodland—farms, 1982	822	47	692	673	841	669	121	175
1978	940	44	735	766	915	726	110	174
acres, 1982	25 313	5 989	16 637	20 977	23 109	21 826	2 833	9 585
1978	28 284	4 290	19 196	23 870	25 996	20 044	2 030	10 330
Woodland pastured—farms, 1982	173	20	104	153	106	138	23	31
1978	232	21	110	184	185	176	18	42
acres, 1982	5 325	1 522	1 757	3 497	2 059	3 016	407	1 382
1978	8 222	2 131	1 819	4 982	4 989	3 160	366	2 027

See footnotes at end of table.

Table 1. Farms, Land in Farms, and Land Use: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
LAND IN FARMS ACCORDING TO USE—Con.							
Total woodland—Con.							
Woodland not pastured ---- farms, 1982	27 495	152	56	794	246	182	195
1978	28 276	147	68	803	267	171	239
acres, 1982	1 161 059	8 421	5 879	21 869	17 125	14 798	13 186
1978	1 169 485	8 808	6 339	22 350	15 699	13 738	12 630
Other land ---- farms, 1982	45 333	216	54	1 459	344	234	276
1978	46 381	198	68	1 533	314	205	308
acres, 1982	1 053 781	4 897	1 136	26 599	8 373	7 280	5 465
1978	1 154 119	5 152	1 880	28 215	6 953	6 521	7 536
Pastureland and rangeland other than cropland and woodland pastured ---- farms, 1982	6 941	55	10	233	44	46	17
1978	6 986	41	14	222	49	42	46
acres, 1982	253 471	2 081	320	4 945	2 946	1 787	778
1978	320 464	2 652	731	6 004	2 520	2 417	3 403
Land in house lots, ponds, roads, wasteland, etc. ---- farms, 1982	44 187	206	51	1 418	340	228	271
1978	45 175	186	65	1 505	301	200	301
acres, 1982	800 310	2 816	816	21 654	5 427	5 493	4 687
1978	833 655	2 500	1 149	22 211	4 433	4 104	4 133
Pastureland, all types ---- farms, 1982	25 369	232	50	805	291	156	151
1978	26 737	213	61	831	293	135	183
acres, 1982	1 088 933	18 793	3 611	20 192	16 680	9 454	8 060
1978	1 351 130	21 069	5 754	25 194	19 124	12 222	11 250
Land set aside in federal farm programs ---- farms, 1982	4 488	14	2	144	46	16	52
1978	12 671	33	3	426	105	47	167
acres, 1982	85 139	207	(D)	2 492	441	321	862
1978	245 288	283	5	7 446	1 024	865	2 788

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
LAND IN FARMS ACCORDING TO USE—Con.							
Total woodland—Con.							
Woodland not pastured ---- farms, 1982	58	573	247	130	693	625	664
1978	67	610	295	114	760	589	651
acres, 1982	6 407	21 873	8 059	8 352	14 818	26 622	24 622
1978	7 747	20 495	9 480	6 986	15 820	23 802	23 102
Other land ---- farms, 1982	56	904	602	146	1 424	933	1 069
1978	70	865	718	139	1 571	952	1 082
acres, 1982	1 314	26 446	9 291	4 030	20 807	26 592	30 635
1978	1 518	25 574	13 086	6 073	25 922	27 571	34 107
Pastureland and rangeland other than cropland and woodland pastured ---- farms, 1982	8	177	23	11	138	187	209
1978	17	191	37	22	128	189	234
acres, 1982	345	6 379	811	579	2 080	6 384	7 526
1978	775	7 885	3 189	2 078	4 570	6 787	8 701
Land in house lots, ponds, roads, wasteland, etc. ---- farms, 1982	53	883	596	143	1 399	912	1 039
1978	65	837	707	136	1 549	931	1 039
acres, 1982	969	20 067	8 480	3 451	18 727	20 208	23 109
1978	743	17 689	9 897	3 995	21 352	20 784	25 406
Pastureland, all types ---- farms, 1982	57	566	126	61	439	521	681
1978	72	639	167	71	472	562	727
acres, 1982	3 634	21 092	4 259	2 830	9 749	18 425	28 187
1978	5 093	27 676	8 480	5 124	13 554	23 560	34 927
Land set aside in federal farm programs ---- farms, 1982	4	112	45	2	85	157	139
1978	5	213	155	9	284	450	302
acres, 1982	10	2 457	801	(D)	1 396	2 838	2 837
1978	56	4 041	2 384	112	4 485	10 477	7 157

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured	farms, 1982	555	186	109	223	160	750	10
	1978	538	163	109	213	151	751	8
	acres, 1982	20 427	10 760	8 742	15 896	8 587	19 507	471
	1978	20 637	9 837	8 953	15 046	10 501	18 993	748
Other land	farms, 1982	851	205	159	279	246	1 212	15
	1978	862	204	164	254	226	1 245	11
	acres, 1982	22 699	6 862	5 274	7 660	9 330	23 541	118
	1978	25 382	5 759	6 710	9 444	11 194	25 848	71
Pastureland and rangeland other than cropland and woodland pastured	farms, 1982	143	72	37	41	67	149	2
	1978	143	45	33	38	71	154	-
	acres, 1982	4 366	3 602	1 964	2 857	5 186	3 396	(D)
	1978	6 752	2 075	3 790	4 690	6 604	5 934	-
Land in house lots, ponds, roads, wasteland, etc.	farms, 1982	839	197	154	271	222	1 193	15
	1978	841	198	157	244	215	1 214	11
	acres, 1982	18 333	3 260	3 310	4 803	4 144	20 145	(D)
	1978	18 630	3 684	2 920	4 754	4 590	19 912	71
Pastureland, all types	farms, 1982	508	188	154	277	237	547	12
	1978	575	172	155	259	213	596	11
	acres, 1982	20 814	11 701	15 480	21 684	25 556	13 977	(D)
	1978	28 295	11 194	17 962	24 730	24 259	19 176	588
Land set aside in federal farm programs	farms, 1982	126	16	5	10	30	177	-
	1978	208	32	10	8	66	447	-
	acres, 1982	2 538	215	27	71	498	2 507	-
	1978	4 879	406	169	47	1 109	7 549	-

All farms		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured	farms, 1982	242	93	670	167	420	193	48
	1978	224	86	707	144	443	182	38
	acres, 1982	27 603	11 516	23 392	13 198	12 353	8 480	2 809
	1978	27 087	13 232	20 681	11 634	11 514	8 864	2 206
Other land	farms, 1982	235	97	1 124	178	744	332	58
	1978	240	75	1 129	183	744	327	54
	acres, 1982	7 141	2 348	24 471	5 790	13 492	6 423	1 859
	1978	11 338	2 211	26 784	6 496	11 413	6 878	2 580
Pastureland and rangeland other than cropland and woodland pastured	farms, 1982	57	20	196	34	74	78	9
	1978	68	16	234	45	68	64	21
	acres, 1982	2 715	731	5 517	1 773	2 750	2 578	(D)
	1978	5 911	533	6 924	2 625	1 795	3 195	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms, 1982	222	93	1 102	175	730	311	57
	1978	231	68	1 093	174	734	318	48
	acres, 1982	4 426	1 617	18 954	4 017	10 742	3 845	(D)
	1978	5 427	1 678	19 860	3 871	9 618	3 683	(D)
Pastureland, all types	farms, 1982	223	85	656	170	339	302	66
	1978	245	91	693	164	340	266	62
	acres, 1982	17 811	5 488	21 028	11 347	8 577	18 088	3 549
	1978	24 998	5 825	25 967	13 076	9 918	21 374	4 074
Land set aside in federal farm programs	farms, 1982	11	6	92	9	67	56	2
	1978	28	3	319	23	173	110	-
	acres, 1982	80	53	2 008	117	1 324	692	(D)
	1978	512	(D)	5 173	290	4 515	1 507	-

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LAND IN FARMS ACCORDING TO USE—Con.									
Total woodland—Con.									
Woodland not pastured	farms, 1982	273	573	714	152	566	509	625	110
	1978	281	602	797	147	612	489	675	109
	acres, 1982	14 377	21 056	23 984	10 988	20 593	17 575	18 689	10 222
	1978	14 160	19 163	23 225	10 752	21 031	17 494	19 871	9 460
Other land	farms, 1982	387	874	1 133	153	1 106	934	1 000	188
	1978	373	962	1 301	168	1 323	878	1 022	174
	acres, 1982	7 695	17 128	33 493	3 630	25 288	19 266	24 559	3 991
	1978	10 679	21 073	31 282	4 686	27 375	25 176	27 664	5 485
Pastureland and rangeland other than cropland and woodland pastured	farms, 1982	56	81	213	37	61	167	223	38
	1978	60	103	223	34	116	160	229	24
	acres, 1982	2 034	2 629	9 764	970	3 295	3 791	5 970	1 159
	1978	2 339	4 778	6 395	1 334	4 997	6 789	9 531	1 254
Land in house lots, ponds, roads, wasteland, etc.	farms, 1982	379	863	1 117	144	1 093	920	976	175
	1978	364	947	1 267	163	1 292	861	985	167
	acres, 1982	5 661	14 499	23 729	2 660	21 993	15 475	18 589	2 832
	1978	8 340	16 295	24 887	3 352	22 378	18 387	18 133	4 231
Pastureland, all types	farms, 1982	170	294	580	128	464	504	547	164
	1978	169	376	647	152	594	495	641	163
	acres, 1982	8 040	9 709	20 043	7 675	18 703	13 693	19 100	15 165
	1978	7 556	17 455	22 248	10 146	28 802	20 618	27 932	18 809
Land set aside in federal farm programs	farms, 1982	24	72	121	11	185	147	133	18
	1978	51	392	548	18	436	308	369	69
	acres, 1982	410	1 197	2 051	42	3 043	5 115	2 728	524
	1978	637	7 053	9 563	281	7 964	8 818	7 728	1 461

All farms		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
LAND IN FARMS ACCORDING TO USE—Con.									
Total woodland—Con.									
Woodland not pastured	farms, 1982	72	463	616	430	65	720	4	67
	1978	49	521	581	413	65	663	3	79
	acres, 1982	9 178	16 939	20 149	13 926	4 326	20 556	240	3 710
	1978	5 743	19 783	19 472	18 296	2 904	21 376	80	5 108
Other land	farms, 1982	69	776	1 025	756	70	1 201	–	96
	1978	59	768	976	797	75	1 121	4	109
	acres, 1982	2 184	18 130	37 698	20 775	1 161	26 438	–	3 524
	1978	2 316	19 506	41 418	21 641	4 604	25 427	112	3 340
Pastureland and rangeland other than cropland and woodland pastured	farms, 1982	22	144	199	104	16	225	–	34
	1978	11	116	214	110	25	179	1	16
	acres, 1982	848	4 064	11 133	4 664	301	8 240	–	1 405
	1978	660	5 081	14 754	4 206	2 288	5 651	(D)	1 174
Land in house lots, ponds, roads, wasteland, etc.	farms, 1982	63	743	994	737	65	1 165	–	91
	1978	59	746	960	781	71	1 094	3	107
	acres, 1982	1 336	14 066	26 565	16 111	860	18 198	–	2 119
	1978	1 656	14 425	26 664	17 435	2 316	19 776	(D)	2 166
Pastureland, all types	farms, 1982	74	479	600	382	56	768	3	99
	1978	74	466	665	387	50	710	3	92
	acres, 1982	8 501	20 127	26 728	12 969	2 080	25 351	(D)	7 161
	1978	9 304	22 499	35 505	13 737	4 054	25 655	32	7 229
Land set aside in federal farm programs	farms, 1982	4	69	119	58	8	117	–	9
	1978	1	275	321	237	15	223	–	34
	acres, 1982	41	1 220	2 756	1 208	143	1 713	–	104
	1978	(D)	6 201	8 310	5 825	186	4 249	–	280

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured—farms, 1982	599	288	644	413	22	77	239	199
1978	630	310	700	385	16	56	248	228
acres, 1982	18 914	14 707	20 306	12 102	3 058	7 065	5 668	13 572
1978	20 791	16 329	20 705	11 768	1 840	5 356	5 293	15 945
Other land—farms, 1982	1 108	373	1 169	719	19	67	604	241
1978	1 041	349	1 357	658	14	58	608	267
acres, 1982	23 714	13 438	24 820	19 410	1 333	3 786	7 207	5 217
1978	23 538	12 239	24 717	19 202	725	3 911	7 570	6 309
Pastureland and rangeland other than cropland and woodland pastured—farms, 1982	200	77	130	159	4	14	71	39
1978	124	76	156	149	2	13	65	45
acres, 1982	5 000	2 751	4 817	4 257	1 152	2 917	1 427	1 378
1978	3 525	2 807	3 639	5 664	(D)	3 190	1 499	1 846
Land in house lots, ponds, roads, wasteland, etc.—farms, 1982	1 077	360	1 147	682	18	64	587	229
1978	1 023	337	1 330	634	14	55	590	261
acres, 1982	18 714	10 687	20 003	15 153	181	869	5 780	3 839
1978	20 013	9 432	21 078	13 538	(D)	721	6 071	4 463
Pastureland, all types—farms, 1982	697	162	388	475	12	74	257	151
1978	702	149	478	446	22	68	276	168
acres, 1982	22 177	9 543	14 844	14 900	3 018	9 870	5 315	6 624
1978	25 954	9 628	14 795	18 600	5 237	8 768	7 769	8 780
Land set aside in federal farm programs—farms, 1982	121	19	125	70	-	2	36	14
1978	291	37	473	144	2	3	134	35
acres, 1982	2 807	155	2 952	2 009	-	(D)	563	142
1978	7 634	353	12 383	2 997	(D)	(D)	1 796	333

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured—farms, 1982	82	269	449	348	221	186	410	609
1978	72	282	416	369	236	185	471	641
acres, 1982	11 247	14 473	22 067	51 320	11 618	13 581	9 060	30 867
1978	10 902	14 074	25 700	50 568	11 939	11 201	8 937	31 768
Other land—farms, 1982	92	385	534	324	357	267	955	876
1978	70	389	558	331	355	268	1 025	931
acres, 1982	5 334	7 395	15 552	8 795	6 507	11 998	14 560	21 886
1978	3 608	10 199	17 580	10 731	8 005	17 734	12 660	24 909
Pastureland and rangeland other than cropland and woodland pastured—farms, 1982	16	49	99	84	55	64	67	120
1978	15	60	119	74	40	65	63	145
acres, 1982	4 091	1 305	3 632	3 001	1 412	4 109	3 958	3 298
1978	1 758	3 228	5 026	5 004	1 801	11 090	1 067	5 054
Land in house lots, ponds, roads, wasteland, etc.—farms, 1982	90	377	516	301	346	246	938	863
1978	66	379	543	324	348	254	1 005	903
acres, 1982	1 243	6 090	11 920	5 794	5 095	7 889	10 602	18 588
1978	1 850	6 971	12 554	5 727	6 204	6 644	11 593	19 855
Pastureland, all types—farms, 1982	91	225	413	342	191	238	247	485
1978	74	226	395	369	182	245	236	545
acres, 1982	9 866	7 022	21 416	22 566	5 685	15 903	6 862	15 319
1978	7 215	11 065	22 158	28 203	8 509	27 711	3 874	21 905
Land set aside in federal farm programs—farms, 1982	2	42	85	32	19	34	57	140
1978	3	97	219	86	79	119	374	370
acres, 1982	(D)	752	1 232	558	352	345	971	2 398
1978	36	1 935	3 488	1 846	1 033	1 891	4 712	6 413

See footnotes at end of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, sae introductory text]

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured ---- farms, 1982	51	252	431	223	433	146	94	327
1978	58	264	421	190	419	153	94	319
acres, 1982	4 290	10 926	20 874	5 897	21 110	9 538	9 473	19 178
1978	3 933	11 431	19 188	6 744	19 177	10 818	9 361	19 009
Other land ---- farms, 1982	84	368	629	554	610	229	95	420
1978	93	378	613	477	638	233	98	432
acres, 1982	2 324	12 714	15 233	10 453	21 485	5 889	3 389	16 343
1978	4 554	11 087	16 609	15 338	18 270	7 474	2 141	18 217
Pastureland and rangeland other than cropland and woodland pasturad ---- farms, 1982	14	78	98	84	109	42	14	102
1978	14	53	123	68	103	53	6	109
acres, 1982	1 095	2 480	2 815	1 845	7 745	2 643	1 711	5 672
1978	3 302	3 418	4 972	5 906	3 795	3 732	518	7 469
Land in house lots, ponds, roads, wasteland, etc. ---- farms, 1982	82	352	622	543	600	221	90	413
1978	87	361	596	468	630	224	97	408
acres, 1982	1 229	10 234	12 418	8 608	13 740	3 246	1 678	10 671
1978	1 252	7 669	11 637	9 432	14 475	3 742	1 623	10 748
Pastureland, all types ---- farms, 1982	78	261	430	344	307	215	113	385
1978	77	239	469	298	334	205	127	391
acres, 1982	5 692	7 896	14 803	12 074	17 000	17 234	13 277	28 342
1978	8 281	11 949	22 310	14 999	15 804	19 628	16 245	33 321
Land set asida in federal farm programs ---- farms, 1982	11	23	69	11	31	24	9	29
1978	24	111	169	74	120	73	9	104
acres, 1982	201	813	773	324	376	410	51	316
1978	282	2 562	2 143	2 119	1 584	1 019	101	1 421

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
LAND IN FARMS ACCORDING TO USE—Con.								
Total woodland—Con.								
Woodland not pastured ---- farms, 1982	47	103	487	185	16	676	505	461
1978	53	96	507	212	15	755	568	514
acres, 1982	2 701	11 664	13 278	17 420	807	19 747	11 217	13 730
1978	3 757	12 071	17 046	18 281	973	24 295	11 945	16 951
Other land ---- farms, 1982	74	102	1 213	235	27	1 212	962	839
1978	64	118	1 168	239	16	1 268	950	840
acres, 1982	2 215	3 755	17 867	9 532	449	18 074	15 526	22 588
1978	1 423	4 151	18 802	9 123	500	23 272	12 827	23 764
Pastureland and rangeland other than cropland and woodland pastured ---- farms, 1982	22	17	187	44	2	80	129	129
1978	11	30	170	73	6	98	114	127
acres, 1982	795	2 554	4 138	4 169	(D)	2 026	3 075	4 047
1978	520	2 955	3 630	5 520	177	4 944	2 897	4 483
Land in house lots, ponds, roads, wasteland, etc. ---- farms, 1982	74	96	1 166	224	27	1 198	930	814
1978	63	113	1 134	214	12	1 240	930	815
acres, 1982	1 420	1 201	13 729	5 363	(D)	16 048	12 451	18 541
1978	903	1 196	15 172	3 603	323	18 328	9 930	19 281
Pastureland, all types ---- farms, 1982	68	92	707	240	28	333	600	430
1978	60	95	745	272	24	385	612	507
acres, 1982	5 463	13 842	21 910	23 383	2 534	7 649	17 195	15 018
1978	5 237	12 255	23 016	29 139	2 843	14 529	21 138	19 044
Land set aside in federal farm programs ---- farms, 1982	-	12	59	4	1	82	65	155
1978	4	23	211	16	1	249	169	273
acres, 1982	-	120	975	33	(D)	1 154	1 324	4 496
1978	76	261	3 242	302	(D)	3 580	3 116	7 367

See footnotes at and of table.

Table 1. **Farms, Land in Farms, and Land Use: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LAND IN FARMS ACCORDING TO USE—Con.									
Total woodland—Con.									
Woodland not pastured	farms, 1982	722	44	632	590	782	577	104	154
	1978	787	34	665	638	793	604	94	154
	acres, 1982	19 988	4 467	14 880	17 480	21 050	18 810	2 426	8 203
	1978	20 062	2 159	17 577	18 888	21 007	16 884	1 664	8 303
Other land	farms, 1982	1 372	39	1 105	1 089	1 225	1 080	272	188
	1978	1 472	45	1 092	1 147	1 306	1 097	285	182
	acres, 1982	27 799	722	24 427	21 273	24 308	22 824	3 844	4 965
	1978	31 199	2 056	25 688	24 875	29 727	25 263	3 965	6 159
Pastureland and rengeland other than cropland and woodland pastured	farms, 1982	148	4	152	107	142	182	28	22
	1978	161	14	110	107	143	183	20	26
	acres, 1982	5 711	92	3 517	2 802	3 457	4 582	672	1 354
	1978	6 233	1 370	3 109	5 076	6 312	5 871	864	1 383
Land in house lots, ponds, roads, wasteland, etc.	farms, 1982	1 351	39	1 085	1 067	1 202	1 057	262	186
	1978	1 444	43	1 068	1 123	1 278	1 069	280	177
	acres, 1982	22 088	630	20 910	18 471	20 851	18 242	3 172	3 611
	1978	24 966	686	22 579	19 799	23 415	19 392	3 101	4 776
Pastureland, all types	farms, 1982	756	39	483	481	500	596	91	132
	1978	861	39	498	504	561	672	83	126
	acres, 1982	28 535	3 069	13 080	15 042	13 808	16 714	1 669	7 134
	1978	38 276	6 046	14 359	21 232	21 174	24 154	1 898	8 038
Land set aside in federal farm programs	farms, 1982	167	1	116	117	95	71	3	15
	1978	390	3	307	312	299	244	32	63
	acres, 1982	4 075	(D)	1 715	2 245	2 140	1 037	62	68
	1978	8 941	(D)	5 096	7 613	4 824	5 542	587	658

[1]Data are based on a sample of farms; see text.

Table 2. **Irrigation: 1982 and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Farms	number, 1982	3 179	2	4	120	10	37	7
	1978	3 157	2	4	119	17	25	8
Land in irrigated farms	acres, 1982	1 043 485	(D)	687	25 338	1 796	13 368	6 734
	1978	897 976	(D)	782	22 293	2 924	9 779	4 793
Harvested cropland	farms, 1982	3 173	2	4	120	10	37	7
	1978	3 145	2	4	119	17	25	8
	acres, 1982	738 758	(D)	26	17 739	526	8 723	3 752
	1978	589 253	(D)	121	12 928	723	4 905	2 908
Other cropland, excluding cropland pastured	farms, 1982	1 548	1	4	56	9	18	6
	1978	1 778	1	4	80	16	18	5
	acres, 1982	69 627	(D)	124	1 519	292	799	251
	1978	86 032	(D)	93	3 079	735	1 834	799
Pastureland, excluding woodland pastured	farms, 1982	666	1	–	12	2	10	1
	1978	702	–	–	22	2	8	–
	acres, 1982	41 469	(D)	–	929	(D)	617	(D)
	1978	39 225	–	–	588	(D)	374	–
Irrigated land	acres, 1982	285 983	(D)	27	7 122	98	4 102	1 261
	1978	225 928	(D)	30	4 542	168	2 003	702
Harvested cropland	farms, 1982	3 150	2	4	120	10	37	7
	1978	3 101	2	4	114	17	25	7
	acres, 1982	284 047	(D)	(D)	7 122	98	(D)	(D)
	1978	222 666	(D)	30	4 372	158	1 973	662
Pastureland and other land	farms, 1982	93	–	1	–	–	1	1
	acres, 1982	1 936	–	(D)	–	–	(D)	(D)
	1978	3 262	12	–	170	10	30	40
1982 principal source of irrigation water (see text):								
Wells on farm	farms	1 538	1	–	41	6	28	3
	acres irrigated	160 259	(D)	–	749	68	3 770	946
Wells as only source	farms	1 313	1	–	39	5	27	3
	acres irrigated	95 772	(D)	–	689	24	3 655	946
On-farm surface supply	farms	1 504	1	4	75	4	7	4
	acres irrigated	112 300	(D)	27	5 793	30	289	315
On-farm surface supply as only source	farms	1 338	1	4	70	4	6	4
	acres irrigated	86 701	(D)	27	5 399	30	204	315
Off-farm water suppliers	farms	137	–	–	4	–	2	–
	acres irrigated	13 424	–	–	580	–	(D)	–
Off-farm water suppliers as only source	farms	125	–	–	4	–	2	–
	acres irrigated	12 727	–	–	580	–	(D)	–

Table 2. **Irrigation: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

Farms with irrigation	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Farms—number, 1982	4	24	55	32	174	122	57
1978	1	30	56	24	233	113	54
Land in irrigated farms—acres, 1982	623	8 033	16 391	6 669	32 857	77 172	38 118
1978	(D)	7 975	14 056	6 127	38 817	58 996	27 455
Harvested cropland—farms, 1982	4	24	55	32	174	122	57
1978	1	30	56	24	233	113	53
acres, 1982	44	5 728	14 408	2 105	23 489	58 668	30 746
1978	(D)	5 292	11 335	1 989	27 182	42 227	18 988
Other cropland, excluding cropland pastured—farms, 1982	2	15	21	14	115	66	33
1978	1	20	16	17	154	69	35
acres, 1982	(D)	658	634	891	3 747	2 620	1 383
1978	(D)	587	326	604	4 410	4 742	2 472
Pastureland, excluding woodland pastured—farms, 1982	1	6	1	2	16	45	21
1978	–	10	2	4	26	36	27
acres, 1982	(D)	198	(D)	(D)	359	2 863	1 058
1978	–	222	(D)	407	616	2 171	1 092
Irrigated land—acres, 1982	19	2 203	4 030	650	5 308	24 365	10 663
1978	(D)	2 059	3 888	613	6 595	18 826	6 242
Harvested cropland—farms, 1982	3	24	54	32	174	122	56
1978	1	30	56	24	229	113	53
acres, 1982	(D)	2 203	(D)	(D)	5 308	24 365	(D)
1978	(D)	2 055	3 888	601	6 536	18 826	6 230
Pastureland and other land—farms, 1982	1	–	1	1	–	–	1
acres, 1982	(D)	–	(D)	(D)	–	–	(D)
1978	(D)	4	–	12	59	–	12
1982 principal source of irrigation water (see text):							
Wells on farm—farms	1	5	2	24	54	30	28
acres irrigated	(D)	89	(D)	580	2 450	7 309	7 597
Wells as only source—farms	1	5	1	24	39	20	21
acres irrigated	(D)	89	(D)	580	1 833	3 558	1 520
On-farm surface supply—farms	3	18	34	8	116	85	29
acres irrigated	14	1 754	2 211	70	2 714	14 826	3 066
On-farm surface supply as only source—farms	3	14	32	8	105	72	26
acres irrigated	14	1 096	2 151	70	2 205	10 447	2 243
Off-farm water suppliers—farms	–	1	19	–	4	7	–
acres irrigated	–	(D)	1 675	–	144	2 230	–
Off-farm water suppliers as only source—farms	–	–	19	–	3	7	–
acres irrigated	–	–	1 675	–	84	2 230	–

Farms with irrigation	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Farms—number, 1982	72	13	12	4	5	36	2
1978	78	7	9	3	4	35	1
Land in irrigated farms—acres, 1982	42 807	1 668	1 329	630	2 733	13 355	(D)
1978	36 063	681	1 561	965	106	9 840	(D)
Harvested cropland—farms, 1982	72	13	12	4	5	36	2
1978	78	7	9	3	4	35	1
acres, 1982	32 853	1 027	263	127	1 582	10 631	(D)
1978	23 519	159	135	393	16	6 933	(D)
Other cropland, excluding cropland pastured—farms, 1982	30	8	7	3	3	17	1
1978	37	5	6	1	1	19	1
acres, 1982	1 499	93	224	313	139	529	(D)
1978	2 415	38	198	(D)	(D)	902	(D)
Pastureland, excluding woodland pastured—farms, 1982	25	5	6	1	2	5	–
1978	33	4	4	1	–	5	–
acres, 1982	2 872	82	313	(D)	(D)	251	–
1978	4 477	76	70	(D)	–	167	–
Irrigated land—acres, 1982	11 870	119	119	58	330	2 597	(D)
1978	8 352	20	188	(D)	14	2 126	(D)
Harvested cropland—farms, 1982	72	13	11	4	5	34	2
1978	77	5	9	3	4	34	1
acres, 1982	(D)	119	(D)	58	330	2 591	(D)
1978	8 337	14	108	(D)	14	1 995	(D)
Pastureland and other land—farms, 1982	2	–	1	–	–	3	–
acres, 1982	(D)	–	(D)	–	–	6	–
1978	15	6	80	–	–	131	–
1982 principal source of irrigation water (see text):							
Wells on farm—farms	51	6	3	1	3	11	2
acres irrigated	8 781	9	17	(D)	142	1 003	(D)
Wells as only source—farms	42	6	3	1	3	8	2
acres irrigated	6 574	9	17	(D)	142	669	(D)
On-farm surface supply—farms	21	7	9	3	2	24	–
acres irrigated	3 089	110	102	37	(D)	1 504	–
On-farm surface supply as only source—farms	18	7	9	3	1	24	–
acres irrigated	2 196	110	102	37	(D)	1 504	–
Off-farm water suppliers—farms	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	(D)	–
Off-farm water suppliers as only source—farms	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	(D)	–

Table 2. **Irrigation: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Farms—number, 1982	16	11	30	16	30	-	2
1978	12	9	33	17	30	1	-
Land in irrigated farms—acres, 1982	5 483	5 482	6 317	2 886	6 567	-	(D)
1978	4 647	3 999	7 950	3 455	7 629	(D)	-
Harvested cropland—farms, 1982	16	11	30	16	30	-	2
1978	12	9	33	17	30	1	-
acres, 1982	1 705	2 085	4 568	1 591	4 394	-	(D)
1978	983	1 500	5 881	1 304	3 954	(D)	-
Other cropland, excluding cropland pastured—farms, 1982	8	9	17	5	15	-	2
1978	7	8	15	8	17	-	-
acres, 1982	492	729	712	176	409	-	(D)
1978	815	536	601	272	1 823	-	-
Pastureland, excluding woodland pastured—farms, 1982	6	1	6	5	5	-	1
1978	3	3	10	4	8	-	-
acres, 1982	212	(D)	31	219	92	-	(D)
1978	693	195	187	117	538	-	-
Irrigated land—acres, 1982	405	816	1 676	364	1 240	-	(D)
1978	179	996	2 370	311	1 293	(D)	-
Harvested cropland—farms, 1982	16	11	30	16	28	-	2
1978	12	9	32	17	30	1	-
acres, 1982	405	816	(D)	309	1 228	-	(D)
1978	134	976	(D)	309	843	(D)	-
Pastureland and other land—farms, 1982	-	-	2	3	5	-	-
acres, 1982	-	-	(D)	55	12	-	-
1978	45	20	(D)	2	450	-	-
1982 principal source of irrigation water (see text):							
Wells on farm—farms	5	3	10	14	12	-	1
acres irrigated	97	375	1 255	311	786	-	(D)
Wells as only source—farms	4	1	10	11	10	-	1
acres irrigated	7	(D)	1 255	294	269	-	(D)
On-farm surface supply—farms	11	8	19	1	17	-	1
acres irrigated	308	441	420	(D)	451	-	(D)
On-farm surface supply as only source—farms	9	8	17	1	17	-	1
acres irrigated	153	441	382	(D)	451	-	(D)
Off-farm water suppliers—farms	-	-	1	1	1	-	-
acres irrigated	-	-	(D)	(D)	(D)	-	-
Off-farm water suppliers as only source—farms	-	-	1	1	-	-	-
acres irrigated	-	-	(D)	(D)	-	-	-

Farms with irrigation	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms—number, 1982	80	31	37	14	17	37	32	8
1978	80	26	37	16	15	32	39	2
Land in irrigated farms—acres, 1982	14 311	12 990	24 955	1 664	5 221	20 669	12 735	599
1978	12 079	3 851	17 218	1 777	3 222	17 284	12 894	(D)
Harvested cropland—farms, 1982	80	31	37	14	17	37	32	8
1978	80	26	37	16	15	32	39	2
acres, 1982	7 142	10 905	16 744	233	4 309	15 250	9 286	332
1978	6 445	2 657	12 625	257	2 015	13 354	8 195	(D)
Other cropland, excluding cropland pestured—farms, 1982	35	13	17	13	5	18	19	3
1978	44	14	25	12	7	20	29	1
acres, 1982	1 184	365	607	414	87	1 831	837	31
1978	1 277	237	1 293	293	292	762	1 446	(D)
Pastureland, excluding woodland pastured—farms, 1982	11	2	10	4	4	6	8	2
1978	9	6	7	4	2	7	11	-
acres, 1982	1 333	(D)	4 677	135	22	920	708	(D)
1978	401	95	163	54	(D)	238	762	-
Irrigated land—acres, 1982	2 591	2 847	3 916	44	1 157	2 174	2 501	103
1978	2 720	936	3 913	63	438	2 192	2 834	(D)
Harvested cropland—farms, 1982	80	31	37	14	17	37	31	8
1978	79	26	36	16	14	31	38	2
acres, 1982	2 534	2 847	(D)	44	(D)	(D)	(D)	103
1978	2 593	924	3 880	61	428	2 184	2 692	(D)
Pastureland and other land—farms, 1982	4	-	1	-	1	1	1	-
acres, 1982	57	-	(D)	-	(D)	(D)	(D)	-
1978	127	12	33	2	10	8	142	-
1982 principal source of irrigation water (see text):								
Wells on farm—farms	75	11	16	-	4	20	20	4
acres irrigated	2 345	1 296	1 436	-	313	733	1 921	48
Wells as only source—farms	74	10	13	-	3	19	18	3
acres irrigated	2 170	716	866	-	113	483	1 600	26
On-farm surface supply—farms	4	16	20	14	12	16	12	4
acres irrigated	146	1 149	2 474	44	724	1 440	580	55
On-farm surface supply as only source—farms	3	15	17	12	8	15	11	4
acres irrigated	106	1 084	2 050	39	499	1 260	538	55
Off-farm water suppliers—farms	1	4	1	-	1	1	-	-
acres irrigated	(D)	402	(D)	-	(D)	(D)	-	-
Off-farm water suppliers as only source—farms	1	4	1	-	1	1	-	-
acres irrigated	(D)	402	(D)	-	(D)	(D)	-	-

Table 2. **Irrigation: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Farms	number, 1982	5	12	34	122	12	130	-	2
	1978	5	16	44	112	5	125	1	2
Land in irrigated farms	acres, 1982	4 516	3 557	25 637	38 648	4 561	21 001	-	(D)
	1978	2 326	4 656	27 391	28 785	1 576	22 800	(D)	(D)
Harvested cropland	farms, 1982	5	12	34	122	12	130	-	1
	1978	5	16	44	112	5	125	1	2
	acres, 1982	931	2 925	18 573	31 257	2 531	15 481	-	(D)
	1978	560	2 055	18 375	20 436	656	15 424	(D)	(D)
Other cropland, excluding cropland pastured	farms, 1982	5	8	14	35	8	52	-	2
	1978	4	14	26	39	3	55	1	-
	acres, 1982	571	100	923	2 037	311	1 258	-	(D)
	1978	594	447	1 894	1 938	84	1 873	(D)	-
Pastureland, excluding woodland pastured	farms, 1982	-	2	10	20	6	27	-	1
	1978	2	9	18	24	2	24	1	2
	acres, 1982	-	(D)	3 013	1 133	213	580	-	(D)
	1978	(D)	455	3 719	1 254	(D)	713	(D)	(D)
Irrigated land	acres, 1982	541	1 228	5 698	13 196	2 231	4 785	-	(D)
	1978	343	940	7 073	7 062	480	5 503	(D)	(D)
Harvested cropland	farms, 1982	5	11	34	122	12	128	-	1
	1978	5	16	44	112	5	124	1	2
	acres, 1982	541	(D)	5 600	13 196	2 231	4 705	-	(D)
	1978	343	940	6 967	6 992	435	(D)	(D)	(D)
Pastureland and other land	farms, 1982	-	1	5	-	-	3	-	1
	acres, 1982	-	(D)	98	-	-	80	-	(D)
	1978	-	-	106	70	45	(D)	-	-
1982 principal source of irrigation water (see text):									
Wells on farm	farms	-	9	16	72	2	84	-	2
	acres irrigated	-	1 057	4 533	8 659	(D)	3 127	-	(D)
Wells as only source	farms	-	5	14	62	2	74	-	2
	acres irrigated	-	462	2 186	5 195	(D)	2 849	-	(D)
On-ferm surface supply	farms	5	3	15	43	10	43	-	-
	acres irrigated	541	171	1 059	4 267	2 227	1 644	-	-
On-farm surface supply as only source	farms	4	3	13	39	8	39	-	-
	acres irrigated	391	171	952	3 961	1 154	1 389	-	-
Off-farm water suppliers	farms	-	-	3	7	-	3	-	-
	acres irrigated	-	-	106	270	-	14	-	-
Off-farm water suppliers as only source	farms	-	-	3	7	-	2	-	-
	acres irrigated	-	-	106	270	-	(D)	-	-

Farms with irrigation		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Farms	number, 1982	43	93	31	37	2	1	79	57
	1978	44	79	34	39	1	1	83	65
Land in irrigated farms	acres, 1982	8 063	21 051	20 961	5 209	(D)	(D)	6 962	17 511
	1978	9 491	18 181	15 463	5 526	(D)	(D)	7 036	15 957
Harvested cropland	farms, 1982	43	93	31	37	2	1	79	57
	1978	43	79	34	39	1	-	83	65
	acres, 1982	4 926	9 374	16 935	2 866	(D)	(D)	4 897	8 650
	1978	5 801	7 973	13 718	3 092	(D)	-	4 982	6 955
Other cropland, excluding cropland pastured	farms, 1982	19	61	9	12	2	1	34	36
	1978	27	50	9	24	1	1	35	51
	acres, 1982	1 298	1 560	141	746	(D)	(D)	925	2 310
	1978	1 332	2 120	734	927	(D)	(D)	872	2 396
Pastureland, excluding woodland pastured	farms, 1982	7	17	4	10	1	-	8	12
	1978	13	14	2	9	1	-	5	22
	acres, 1982	126	991	852	543	(D)	-	135	500
	1978	425	314	(D)	109	(D)	-	130	965
Irrigated land	acres, 1982	2 140	3 141	2 400	1 650	(D)	(D)	1 846	4 486
	1978	2 439	2 492	3 174	1 856	(D)	(D)	1 847	2 547
Harvested cropland	farms, 1982	43	91	31	37	2	1	77	57
	1978	41	78	34	36	1	-	81	64
	acres, 1982	(D)	3 132	2 400	(D)	(D)	(D)	(D)	(D)
	1978	2 389	2 474	3 174	(D)	(D)	-	1 762	2 506
Pastureland and other land	farms, 1982	1	3	-	1	-	-	2	1
	acres, 1982	(D)	9	-	(D)	-	-	(D)	(D)
	1978	50	18	-	(D)	-	(D)	85	41
1982 principal source of irrigation water (see text):									
Wells on farm	farms	12	67	13	19	-	1	21	25
	acres irrigated	165	2 457	1 626	1 364	-	(D)	433	1 977
Wells as only source	farms	9	64	11	18	-	1	21	24
	acres irrigated	133	2 285	1 595	1 350	-	(D)	433	1 552
On-farm surface supply	farms	28	26	17	18	1	-	49	30
	acres irrigated	1 966	684	624	286	(D)	-	1 379	2 354
On-farm surface supply as only source	farms	22	20	17	17	1	-	46	26
	acres irrigated	1 232	325	624	280	(D)	-	1 351	1 598
Off-farm water suppliers	farms	3	-	1	-	1	-	9	2
	acres irrigated	9	-	(D)	-	(D)	-	34	(D)
Off-farm water suppliers as only source	farms	2	-	-	-	1	-	9	2
	acres irrigated	(D)	-	-	-	(D)	-	34	(D)

Table 2. **Irrigation: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Marquette	Mason	Mecosta	Manominee	Midland	Missaukee	Monroe	Montcalm
Farms—number, 1982	3	46	15	8	12	20	48	109
1978	5	48	16	7	6	22	46	129
Land in irrigated farms—acres, 1982	2 175	14 486	10 366	1 014	6 855	8 039	13 141	64 613
1978	2 524	13 424	9 672	2 838	4 321	8 031	12 653	62 638
Harvested cropland—farms, 1982	3	46	15	8	11	20	48	109
1978	5	48	16	7	6	22	45	129
acres, 1982	227	9 481	8 144	493	5 651	5 235	11 199	51 511
1978	522	7 916	6 555	1 124	3 340	4 952	10 678	43 523
Other cropland, excluding cropland pastured—farms, 1982	1	21	9	4	4	5	19	56
1978	4	31	9	7	3	13	14	91
acres, 1982	(D)	1 301	615	149	112	318	1 158	2 418
1978	165	1 710	899	308	112	476	1 085	5 722
Pastureland, excluding woodland pastured—farms, 1982	2	17	8	3	5	11	2	20
1978	2	10	3	3	1	11	4	32
acres, 1982	(D)	420	523	98	239	602	(D)	589
1978	(D)	704	119	80	(D)	556	99	1 594
Irrigated land—acres, 1982	(D)	2 495	3 907	73	804	1 206	1 952	25 558
1978	15	1 949	4 756	158	391	1 420	2 900	22 966
Harvested cropland—farms, 1982	3	46	15	8	11	20	48	108
1978	5	48	15	5	6	22	45	129
acres, 1982	(D)	2 495	3 907	(D)	(D)	1 206	(D)	(D)
1978	15	1 930	4 696	(D)	391	1 401	2 898	22 966
Pastureland and other land—farms, 1982	-	-	-	1	1	-	1	1
acres, 1982	-	-	-	(D)	(D)	-	(D)	(D)
1978	-	19	60	(D)	-	19	2	-
1982 principal source of irrigation water (see text):								
Wells on farm—farms	-	25	8	2	4	16	23	74
acres irrigated	-	1 188	3 468	(D)	311	964	1 144	20 184
Wells as only source—farms	-	24	5	2	4	12	21	55
acres irrigated	-	638	1 018	(D)	311	818	927	14 353
On-farm surface supply—farms	3	21	7	6	8	4	20	32
acres irrigated	(D)	1 307	439	57	493	242	732	5 255
On-farm surface supply as only source—farms	3	16	5	6	8	4	18	28
acres irrigated	(D)	980	342	57	493	242	692	2 987
Off-farm water suppliers—farms	-	-	-	-	-	-	5	3
acres irrigated	-	-	-	-	-	-	76	119
Off-farm water suppliers as only source—farms	-	-	-	-	-	-	2	3
acres irrigated	-	-	-	-	-	-	(D)	119

Farms with irrigation	Montmorancy	Muskagon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Farms—number, 1982	2	40	45	66	66	5	2	10
1978	-	50	42	63	78	5	-	13
Land in irrigated farms—acres, 1982	(D)	21 560	17 355	4 007	26 644	769	(D)	4 664
1978	-	9 661	14 616	4 141	27 600	167	-	4 856
Harvested cropland—farms, 1982	2	40	45	65	66	5	2	10
1978	-	50	42	61	77	5	-	13
acres, 1982	(D)	11 543	9 364	2 137	15 935	495	(D)	3 593
1978	-	6 172	7 958	1 957	16 308	19	-	3 371
Other cropland, excluding cropland pastured—farms, 1982	1	19	23	32	50	2	2	6
1978	-	14	24	29	62	3	-	6
acres, 1982	(D)	1 420	1 442	980	2 852	(D)	(D)	102
1978	-	371	1 234	760	3 482	66	-	332
Pastureland, excluding woodland pastured—farms, 1982	-	9	12	14	15	1	-	4
1978	-	6	17	9	21	1	-	8
acres, 1982	-	182	400	223	2 193	(D)	-	302
1978	-	120	1 477	101	985	(D)	-	510
Irrigated land—acres, 1982	(D)	6 457	5 041	974	2 900	22	(D)	687
1978	-	1 362	4 123	777	2 745	19	-	747
Harvested cropland—farms, 1982	2	40	45	65	64	5	1	9
1978	-	50	42	61	76	5	-	13
acres, 1982	(D)	(D)	4 850	(D)	2 813	22	(D)	(D)
1978	-	1 350	3 839	767	2 689	19	-	722
Pastureland and other land—farms, 1982	-	1	4	4	5	-	1	1
acres, 1982	-	(D)	191	(D)	87	-	(D)	(D)
1978	-	12	284	10	56	-	-	25
1982 principal source of irrigation water (see text):								
Wells on farm—farms	-	22	20	39	43	-	-	5
acres irrigated	-	972	3 553	387	1 904	-	-	499
Wells as only source—farms	-	20	14	38	40	-	-	4
acres irrigated	-	462	1 843	377	1 649	-	-	300
On-farm surface supply—farms	2	16	23	26	22	5	2	5
acres irrigated	(D)	719	1 276	582	889	22	(D)	188
On-farm surface supply as only source—farms	2	13	20	22	21	5	-	5
acres irrigated	(D)	556	1 062	384	869	22	-	188
Off-farm water suppliers—farms	-	2	2	1	1	-	-	-
acres irrigated	-	(D)	(D)	(D)	(D)	-	-	-
Off-farm water suppliers as only source—farms	-	2	2	1	1	-	-	-
acres irrigated	-	(D)	(D)	(D)	(D)	-	-	-

Table 2. **Irrigation: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Farms	number, 1982	1	5	229	16	3	47	21	206
	1978	2	3	219	6	2	33	19	180
Land in irrigated farms	acres, 1982	(D)	1 477	36 305	10 175	181	8 380	2 300	101 167
	1978	(D)	525	28 160	4 223	(D)	7 360	2 830	85 395
Harvested cropland	farms, 1982	1	5	228	16	3	47	21	206
	1978	2	3	218	6	2	33	19	180
	acres, 1982	(D)	753	21 960	5 615	(D)	6 611	979	84 276
	1978	(D)	192	16 571	1 285	(D)	5 122	1 660	67 333
Other cropland, excluding cropland pastured	farms, 1982	-	4	90	6	1	17	13	99
	1978	1	2	95	3	-	18	13	106
	acres, 1982	-	99	3 316	578	(D)	400	850	5 658
	1978	(D)	(D)	4 168	124	-	511	606	6 311
Pastureland, excluding woodland pastured	farms, 1982	1	1	35	7	-	9	7	53
	1978	1	1	40	4	1	2	3	57
	acres, 1982	(D)	(D)	1 405	405	-	224	92	2 228
	1978	(D)	(D)	850	493	(D)	(D)	114	2 398
Irrigated land	acres, 1982	(D)	194	8 796	1 155	(D)	1 185	392	56 881
	1978	(D)	(D)	7 341	162	(D)	961	604	40 366
Harvested cropland	farms, 1982	1	5	228	16	3	47	21	206
	1978	1	3	218	6	2	33	18	179
	acres, 1982	(D)	194	8 780	1 155	(D)	1 160	(D)	56 816
	1978	(D)	(D)	7 204	162	(D)	961	519	40 269
Pastureland and other land	farms, 1982	-	-	4	-	-	4	1	3
	acres, 1982	-	-	16	-	-	25	(D)	65
	1978	5	-	137	-	-	-	85	97
1982 principal source of irrigation water (see text):									
Wells on farm	farms	1	4	134	9	2	4	5	97
	acres irrigated	(D)	170	3 447	696	(D)	251	72	32 903
Wells as only source	farms	1	4	116	6	2	4	5	67
	acres irrigated	(D)	170	2 449	421	(D)	251	72	18 045
On-farm surface supply	farms	-	1	82	7	-	40	15	105
	acres irrigated	-	(D)	4 722	459	-	920	240	23 272
On-farm surface supply as only source	farms	-	1	67	7	-	38	11	93
	acres irrigated	-	(D)	3 987	459	-	910	152	16 172
Off-farm water suppliers	farms	-	-	13	-	1	3	1	4
	acres irrigated	-	-	627	-	(D)	14	(D)	706
Off-farm water suppliers as only source	farms	-	-	13	-	1	3	1	4
	acres irrigated	-	-	627	-	(D)	14	(D)	706

Farms with irrigation		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms	number, 1982	31	1	22	27	127	62	64	7
	1978	19	1	18	22	147	59	60	9
Land in irrigated farms	acres, 1982	7 613	(D)	5 530	10 998	51 159	17 412	4 182	726
	1978	6 284	(D)	5 593	12 191	46 364	13 575	5 449	2 501
Harvested cropland	farms, 1982	31	1	22	27	126	61	64	7
	1978	18	1	18	22	147	58	60	7
	acres, 1982	4 337	(D)	4 025	9 455	36 852	14 319	3 036	285
	1978	4 040	(D)	3 960	9 507	30 581	10 520	3 688	969
Other cropland, excluding cropland pastured	farms, 1982	17	-	12	10	72	23	20	4
	1978	11	-	12	7	87	32	24	6
	acres, 1982	1 997	-	316	754	4 671	563	636	174
	1978	958	-	389	623	4 640	1 279	973	179
Pastureland, excluding woodland pastured	farms, 1982	6	-	6	3	31	22	2	2
	1978	6	-	7	3	27	12	-	4
	acres, 1982	52	-	95	229	1 350	477	(D)	(D)
	1978	219	-	176	130	3 556	448	-	325
Irrigated land	acres, 1982	1 466	(D)	517	2 251	17 700	4 436	486	(D)
	1978	938	(D)	1 193	2 235	12 591	3 692	559	269
Harvested cropland	farms, 1982	31	1	21	27	126	61	63	7
	1978	17	1	15	21	146	58	59	7
	acres, 1982	(D)	(D)	(D)	2 251	17 667	(D)	(D)	(D)
	1978	921	(D)	1 174	2 224	12 533	3 684	539	206
Pastureland and other land	farms, 1982	3	-	1	-	4	1	2	1
	acres, 1982	(D)	-	(D)	-	33	(D)	(D)	(D)
	1978	17	-	19	11	58	8	20	63
1982 principal source of irrigation water (see text):									
Wells on farm	farms	10	1	12	8	75	23	29	5
	acres irrigated	822	(D)	80	703	14 821	1 419	110	(D)
Wells as only source	farms	9	1	10	4	57	19	29	5
	acres irrigated	682	(D)	68	511	3 447	399	110	(D)
On-farm surface supply	farms	19	-	10	17	50	37	20	2
	acres irrigated	636	-	437	1 488	2 829	3 013	297	(D)
On-farm surface supply as only source	farms	18	-	10	15	43	35	18	2
	acres irrigated	631	-	437	998	2 156	2 904	185	(D)
Off-farm water suppliers	farms	2	-	-	2	2	2	15	-
	acres irrigated	(D)	-	-	(D)	(D)	(D)	79	-
Off-farm water suppliers as only source	farms	2	-	-	2	-	2	14	-
	acres irrigated	(D)	-	-	(D)	-	(D)	78	-

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1982	58 661	295	76	1 831	442	279	377
	1978	60 426	287	94	1 923	450	268	430
	$1,000, 1982	2 588 317	4 838	1 876	123 047	9 269	11 422	15 996
	1978	1 914 314	3 247	1 630	78 633	6 935	11 173	12 421
Average per farm	dollars, 1982	44 123	16 402	24 689	67 202	20 971	40 940	42 429
	1978	31 680	11 313	17 343	40 891	15 412	41 689	28 886
1982 value of sales:								
Less than $1,000	farms	6 565	60	17	167	75	52	36
	$1,000	2 116	24	(D)	(D)	27	15	11
$1,000 to $2,499	farms	7 153	43	8	214	59	24	32
	$1,000	11 962	67	(D)	356	99	41	53
$2,500 to $4,999	farms	7 751	54	11	233	82	39	43
	$1,000	28 107	191	42	867	298	139	142
$5,000 to $9,999	farms	8 741	64	8	254	83	28	54
	$1,000	62 566	463	60	1 810	595	194	388
$10,000 to $19,999	farms	8 043	29	9	225	55	43	57
	$1,000	114 318	377	132	3 188	783	576	831
$20,000 to $39,999	farms	6 536	15	9	173	34	34	54
	$1,000	185 603	437	256	5 011	982	962	1 627
$40,000 to $99,999	farms	7 233	23	10	257	28	26	53
	$1,000	466 739	1 562	783	16 651	1 779	1 839	3 423
$100,000 to $249,999	farms	4 706	4	3	201	24	22	38
	$1,000	720 338	586	481	30 900	(D)	3 143	5 591
$250,000 or more	farms	1 914	3	-	106	2	11	10
	$1,000	993 453	1 133	-	64 206	(D)	4 514	3 929
Abnormal farms	farms	19	-	1	1	-	-	-
	$1,000	3 116	-	(D)	(D)	-	-	-
1978 value of sales:								
Less than $1,000	farms	5 736	58	13	167	69	40	32
	$1,000	2 289	19	(D)	(D)	27	12	13
$1,000 to $2,499	farms	8 546	56	15	271	87	35	37
	$1,000	14 306	92	23	460	137	55	63
$2,500 to $4,999	farms	9 125	60	12	259	81	29	62
	$1,000	32 994	212	(D)	(D)	298	105	229
$5,000 to $9,999	farms	9 652	47	22	270	80	32	69
	$1,000	68 740	321	153	1 913	530	231	491
$10,000 to $19,999	farms	8 486	25	9	241	54	36	69
	$1,000	120 188	327	126	3 400	748	474	1 004
$20,000 to $39,999	farms	6 936	24	10	241	32	24	64
	$1,000	197 520	744	246	6 888	904	737	1 866
$40,000 to $99,999	farms	7 617	14	9	278	36	39	75
	$1,000	483 305	795	568	18 266	2 559	2 427	4 685
$100,000 to $249,999	farms	3 332	1	3	149	10	23	17
	$1,000	498 717	(D)	376	21 903	(D)	3 418	2 374
$250,000 or more	farms	970	2	-	46	1	10	5
	$1,000	493 307	(D)	-	24 815	(D)	3 714	1 694
Abnormal farms	farms	26	-	1	1	-	-	-
	$1,000	2 948	-	(D)	(D)	-	-	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms, 1982	44 046	133	29	1 334	278	172	280
	1978	47 613	143	47	1 400	265	177	344
	$1,000, 1982	1 364 665	891	158	48 518	2 236	5 344	9 507
	1978	997 743	661	234	28 234	1 683	6 761	7 033
Grains	farms, 1982	34 004	61	7	966	205	58	244
	1978	35 639	53	7	943	162	62	296
	$1,000, 1982	795 210	422	8	17 690	1 371	690	6 084
	1978	510 131	167	14	8 569	716	488	4 054
Corn for grain	farms, 1982	23 671	11	-	815	49	35	146
	$1,000, 1982	438 711	166	-	15 157	236	459	2 190
Wheat	farms, 1982	14 983	43	-	384	131	25	108
	$1,000, 1982	64 971	187	-	1 291	447	113	674
Soybeans	farms, 1982	14 791	2	-	117	6	-	126
	$1,000, 1982	174 328	(D)	-	974	59	-	870
Sorghum for grain	farms, 1982	18	-	-	-	-	-	-
	$1,000, 1982	64	-	-	-	-	-	-
Oats	farms, 1982	8 994	35	6	180	115	14	85
	$1,000, 1982	20 227	64	4	218	407	28	193
Other grains	farms, 1982	6 723	5	4	39	25	9	139
	$1,000, 1982	96 908	(D)	4	50	222	91	2 156
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	11 529	91	19	381	130	64	55
	1978	15 023	113	38	454	168	64	105
	$1,000, 1982	47 701	455	102	1 347	327	348	237
	1978	53 225	479	182	1 557	518	302	446
Vegetables, sweet corn, and melons	farms, 1982	3 630	3	3	108	14	11	29
	1978	3 788	4	3	133	12	13	28
	$1,000, 1982	115 525	(D)	(D)	5 760	101	26	737
	1978	97 077	(D)	(D)	3 377	51	(D)	720

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1982	74	1 061	1 072	184	1 777	1 170	1 281
	1978	93	1 033	1 168	176	1 926	1 196	1 307
	$1,000, 1982	930	38 185	43 616	3 951	66 324	50 461	54 819
	1978	755	24 963	34 720	6 178	53 946	37 104	37 741
Avarage per farm	dollars, 1982	12 567	35 989	40 686	21 475	37 323	43 129	42 794
	1978	8 118	24 165	29 726	35 100	28 009	31 023	28 876
1982 value of sales:								
Less than $1,000	farms	20	132	65	44	185	75	118
	$1,000	6	(D)	25	12	(D)	34	38
$1,000 to $2,499	farms	12	152	78	25	250	129	160
	$1,000	20	257	131	42	409	216	258
$2,500 to $4,999	farms	14	145	110	32	279	147	166
	$1,000	49	546	403	121	1 017	537	604
$5,000 to $9,999	farms	12	176	166	25	304	181	198
	$1,000	90	1 234	1 232	170	2 142	1 308	1 430
$10,000 to $19,999	farms	4	136	214	14	229	207	213
	$1,000	44	1 830	3 075	201	3 181	2 952	3 036
$20,000 to $39,999	farms	5	103	163	15	162	159	144
	$1,000	173	2 927	4 626	418	4 504	4 405	3 996
$40,000 to $99,999	farms	4	115	144	18	197	152	156
	$1,000	229	7 136	8 979	1 166	12 744	9 718	10 131
$100,000 to $249,999	farms	3	69	105	10	118	81	90
	$1,000	320	10 643	15 805	(D)	18 454	11 791	13 378
$250,000 or more	farms	-	32	27	1	51	39	36
	$1,000	-	13 568	9 340	(D)	22 999	19 500	21 948
Abnormal farms	farms	-	1	-	-	2	-	-
	$1,000	-	-	-	-	(D)	-	-
1978 value of sales:								
Less than $1,000	farms	24	108	46	27	207	71	116
	$1,000	(D)	(D)	21	8	(D)	37	51
$1,000 to $2,499	farms	22	169	101	36	285	153	183
	$1,000	39	(D)	169	55	481	261	309
$2,500 to $4,999	ferms	16	191	166	22	310	164	208
	$1,000	58	699	608	78	(D)	601	752
$5,000 to $9,999	farms	13	157	209	22	321	211	253
	$1,000	91	1 136	1 460	142	2 290	1 513	1 804
$10,000 to $19,999	farms	8	150	230	16	275	218	190
	$1,000	105	2 148	3 339	220	3 891	3 061	2 688
$20,000 to $39,999	farms	4	102	166	12	179	169	139
	$1,000	119	2 811	4 575	361	4 994	4 934	3 932
$40,000 to $99,999	farms	4	92	161	22	226	124	135
	$1,000	216	5 981	9 874	1 565	14 220	7 765	8 563
$100,000 to $249,999	farms	1	57	83	14	87	69	63
	$1,000	(D)	8 986	12 751	2 175	12 939	10 314	9 990
$250,000 or mora	farms	-	6	6	5	34	17	20
	$1,000	-	2 881	1 921	1 573	13 508	8 618	9 652
Abnormal farms	farms	1	1	-	-	2	-	-
	$1,000	(D)	(D)	-	-	(D)	-	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms, 1982	29	732	971	128	1 559	982	1 023
	1978	41	765	1 091	131	1 728	1 020	1 094
	$1,000, 1982	125	13 659	39 859	3 031	55 259	26 240	28 853
	1978	107	8 400	31 748	5 093	44 281	18 324	17 519
Grains	farms, 1982	4	604	888	20	855	948	917
	1978	9	597	995	14	848	978	966
	$1,000, 1982	(D)	10 967	22 517	(D)	14 100	23 825	22 728
	1978	10	5 330	17 870	21	10 015	16 449	12 495
Corn for grain	farms, 1982	-	494	552	9	627	809	761
	$1,000, 1982	-	7 640	10 102	60	8 676	15 791	15 813
Wheat	ferms, 1982	1	329	303	1	276	377	503
	$1,000, 1982	(D)	1 414	1 086	(D)	829	1 403	2 629
Soybeans	farms, 1982	-	147	356	1	518	593	380
	$1,000, 1982	-	1 297	2 871	(D)	4 287	6 221	3 700
Sorghum for grain	farms, 1982	-	-	-	-	-	-	2
	$1,000, 1982	-	-	-	-	-	-	(D)
Oats	farms, 1982	3	136	106	2	41	118	234
	$1,000, 1982	(D)	238	128	(D)	46	157	507
Other grains	farms, 1982	-	49	636	9	33	20	24
	$1,000, 1982	-	378	8 329	5	263	254	(D)
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	21	281	48	26	148	135	242
	1978	32	387	90	31	202	191	317
	$1,000, 1982	80	1 152	200	63	317	386	742
	1978	77	1 523	213	105	560	562	953
Vegetables, sweet corn, and melons	farms, 1982	6	48	125	12	361	20	26
	1978	3	51	144	9	436	13	39
	$1,000, 1982	18	1 225	3 225	106	9 751	361	1 575
	1978	(D)	1 334	2 573	18	7 878	78	748

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygen	Chippewa	Clare	Clinton	Crawford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1982	1 022	256	197	378	317	1 518	18
	1978	1 066	247	221	369	313	1 517	16
	$1,000, 1982	55 376	4 480	4 163	7 222	10 234	64 956	58
	1978	41 261	4 530	3 212	5 444	7 393	43 744	65
Average per farm	dollars, 1982	54 184	17 500	21 133	19 107	32 283	42 790	3 250
	1978	38 706	18 342	14 533	14 754	23 619	28 836	4 075
1982 value of sales:								
Less than $1,000	farms	93	67	39	63	54	107	5
	$1,000	39	23	11	18	17	(D)	(D)
$1,000 to $2,499	farms	128	49	41	70	43	155	4
	$1,000	218	78	69	118	69	269	(D)
$2,500 to $4,999	farms	135	37	29	50	50	185	6
	$1,000	485	137	103	179	186	687	20
$5,000 to $9,999	farms	138	37	35	66	48	265	1
	$1,000	1 018	260	243	477	335	1 926	(D)
$10,000 to $19,999	farms	152	23	22	45	38	250	2
	$1,000	2 229	335	310	621	552	3 594	(D)
$20,000 to $39,999	farms	98	15	9	34	29	210	-
	$1,000	2 694	445	245	988	829	6 123	-
$40,000 to $99,999	farms	131	14	11	38	23	182	-
	$1,000	8 330	858	670	2 439	1 471	11 827	-
$100,000 to $249,999	farms	100	12	6	11	24	117	-
	$1,000	15 319	(D)	904	(D)	3 799	18 158	-
$250,000 or more	farms	47	2	5	1	8	46	-
	$1,000	25 045	(D)	1 607	(D)	2 976	22 335	-
Abnormal farms	farms	-	-	-	-	-	1	-
	$1,000	-	-	-	-	-	(D)	-
1978 value of sales:								
Less than $1,000	farms	82	37	43	49	48	100	3
	$1,000	34	17	13	23	19	(D)	(D)
$1,000 to $2,499	farms	123	56	50	64	50	179	6
	$1,000	206	94	80	109	85	307	(D)
$2,500 to $4,999	farms	171	48	40	67	55	248	1
	$1,000	609	171	150	257	200	(D)	(D)
$5,000 to $9,999	farms	155	38	37	63	47	263	4
	$1,000	1 127	270	263	438	330	1 940	(D)
$10,000 to $19,999	farms	178	24	30	54	29	269	2
	$1,000	2 514	370	412	744	399	3 846	(D)
$20,000 to $39,999	farms	116	14	3	32	30	169	-
	$1,000	3 212	384	86	957	830	4 764	-
$40,000 to $99,999	farms	131	20	10	33	39	181	-
	$1,000	8 486	1 224	704	1 817	2 449	10 987	-
$100,000 to $249,999	farms	83	9	7	6	11	85	-
	$1,000	13 122	(D)	(D)	(D)	1 842	13 057	-
$250,000 or more	farms	27	1	1	1	4	22	-
	$1,000	11 951	(D)	(D)	(D)	1 241	7 888	-
Abnormal farms	farms	-	-	-	-	-	1	-
	$1,000	-	-	-	-	-	(D)	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms, 1982	775	119	90	203	174	1 293	12
	1978	837	133	109	249	179	1 330	10
	$1,000, 1982	20 792	866	708	1 644	1 565	28 314	36
	1978	14 600	1 563	863	1 275	1 038	15 881	(D)
Grains	farms, 1982	655	51	49	104	117	1 191	1
	1978	710	45	33	86	91	1 225	1
	$1,000, 1982	15 121	257	218	303	1 031	24 172	(D)
	1978	10 202	232	198	170	423	13 252	(D)
Corn for grain	farms, 1982	507	23	8	5	55	723	-
	$1,000, 1982	10 040	139	32	86	563	10 539	-
Wheat	farms, 1982	229	16	35	33	79	676	-
	$1,000, 1982	804	34	93	51	312	2 587	-
Soybeans	farms, 1982	375	-	-	2	12	877	-
	$1,000, 1982	4 113	-	-	(D)	34	8 867	-
Sorghum for grain	farms, 1982	2	-	1	-	-	1	-
	$1,000, 1982	(D)	-	(D)	-	-	(D)	-
Oats	farms, 1982	56	14	13	73	56	334	-
	$1,000, 1982	93	9	(D)	130	99	(D)	-
Other grains	farms, 1982	19	13	12	12	14	135	1
	$1,000, 1982	(D)	75	76	(D)	24	1 618	(D)
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	207	69	42	167	95	264	5
	1978	226	92	77	225	111	333	4
	$1,000, 1982	816	259	104	1 263	391	1 195	15
	1978	685	334	251	1 085	480	1 074	9
Vegetables, sweet corn, and melons	farms, 1982	59	16	14	4	5	33	4
	1978	59	16	10	5	6	28	3
	$1,000, 1982	2 715	149	11	(D)	28	350	11
	1978	1 763	(D)	8	5	9	356	(D)

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesea	Gladwin	Gogebic
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1982	315	123	1 372	253	990	433	82
	1978	332	116	1 398	230	990	419	72
	$1,000, 1982	7 736	4 070	44 010	4 143	34 741	7 711	1 024
	1978	6 276	3 037	29 949	3 466	22 504	5 823	751
Avarage per farm	dollars, 1982	24 559	33 087	32 077	16 375	35 092	17 807	12 490
	1978	18 905	26 184	21 423	15 067	22 731	13 897	10 434
1982 value of sales:								
Less than $1,000	farms	58	31	147	67	117	49	25
	$1,000	16	10	51	18	37	21	7
$1,000 to $2,499	farms	56	15	175	45	164	76	23
	$1,000	92	26	293	71	272	128	38
$2,500 to $4,999	farms	38	15	192	38	168	74	12
	$1,000	142	53	690	131	602	264	40
$5,000 to $9,999	farms	32	8	195	41	147	78	7
	$1,000	215	52	1 353	284	1 041	557	44
$10,000 to $19,999	farms	35	11	220	20	136	70	5
	$1,000	490	156	3 186	255	1 921	954	61
$20,000 to $39,999	farms	39	10	158	14	110	39	6
	$1,000	1 088	296	4 386	385	3 125	1 120	188
$40,000 to $99,999	farms	36	21	178	16	84	29	2
	$1,000	2 235	1 307	11 392	1 056	5 282	1 655	(D)
$100,000 to $249,999	farms	19	9	84	11	36	15	1
	$1,000	(D)	1 327	12 699	(D)	5 563	1 998	(D)
$250,000 or more	farms	2	3	23	1	28	3	1
	$1,000	(D)	844	9 960	(D)	16 897	1 013	(D)
Abnormal farms	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
1978 value of salas:								
Less than $1,000	farms	45	19	107	53	113	58	18
	$1,000	17	6	47	16	53	27	8
$1,000 to $2,499	farms	53	20	235	52	185	89	24
	$1,000	88	32	391	83	314	148	37
$2,500 to $4,999	farms	55	14	221	42	204	70	12
	$1,000	205	49	784	139	737	249	42
$5,000 to $9,999	farms	53	14	244	19	154	77	4
	$1,000	388	103	1 735	140	1 111	526	27
$10,000 to $19,999	farms	44	6	233	20	128	54	4
	$1,000	618	99	3 380	259	1 843	780	(D)
$20,000 to $39,999	farms	33	16	145	18	81	34	8
	$1,000	910	458	3 955	576	2 301	937	(D)
$40,000 to $99,999	farms	36	20	152	19	80	28	-
	$1,000	2 133	1 207	9 235	1 183	4 718	1 745	-
$100,000 to $249,999	farms	13	7	54	7	29	8	2
	$1,000	1 918	1 083	7 820	1 069	4 586	(D)	(D)
$250,000 or more	farms	-	-	7	-	16	1	-
	$1,000	-	-	2 603	-	6 841	(D)	-
Abnormal farms	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms, 1982	150	56	1 077	101	789	273	18
	1978	186	60	1 205	125	831	270	36
	$1,000, 1982	1 857	1 731	28 036	1 063	18 716	2 869	47
	1978	1 753	1 310	18 141	1 160	11 689	2 253	59
Grains	farms, 1982	67	17	960	28	606	225	3
	1978	72	16	1 049	25	661	190	4
	$1,000, 1982	559	95	23 660	166	13 300	2 303	1
	1978	409	42	14 790	149	8 128	1 643	2
Corn for grain	farms, 1982	9	4	741	13	367	130	-
	$1,000, 1982	(D)	28	12 798	112	7 377	1 017	-
Wheat	farms, 1982	9	-	621	6	149	114	-
	$1,000, 1982	37	-	3 467	(D)	486	401	-
Soybeans	farms, 1982	2	-	432	-	387	40	-
	$1,000, 1982	(D)	-	4 159	-	4 619	209	-
Sorghum for grain	farms, 1982	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
Oats	farms, 1982	39	12	213	11	237	76	3
	$1,000, 1982	62	45	287	21	590	137	1
Other grains	farms, 1982	30	4	244	7	33	46	-
	$1,000, 1982	364	22	2 949	(D)	228	539	-
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	95	29	262	64	212	113	14
	1978	129	44	389	85	237	158	29
	$1,000, 1982	348	105	1 046	170	659	353	38
	1978	532	256	1 233	327	606	453	49
Vegetables, sweet corn, and melons	farms, 1982	15	2	29	12	59	9	2
	1978	10	1	36	10	55	4	1
	$1,000, 1982	(D)	(D)	1 960	(D)	(D)	(D)	(D)
	1978	(D)	(D)	710	151	(D)	3	(D)

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	462	1 215	1 354	195	1 655	1 105	1 187	244
	1978	487	1 334	1 542	212	1 800	1 067	1 232	237
	$1,000, 1982	13 234	69 887	59 715	2 542	140 542	56 408	63 095	7 329
	1978	20 578	51 423	41 664	2 359	94 231	41 594	45 294	4 662
Avarage per farm	dollars, 1982	28 646	57 520	44 103	13 038	84 920	51 048	53 155	30 036
	1978	42 255	38 548	27 019	11 125	52 351	38 982	36 765	19 673
1982 value of sales:									
Less than $1,000	farms	62	50	97	59	40	152	84	43
	$1,000	13	19	45	20	14	(D)	(D)	12
$1,000 to $2,499	farms	58	77	154	42	68	150	113	40
	$1,000	91	138	263	66	117	256	187	75
$2,500 to $4,999	farms	63	143	191	26	103	153	146	43
	$1,000	218	505	663	92	372	554	524	150
$5,000 to $9,999	farms	61	157	222	24	178	145	195	42
	$1,000	437	1 155	1 563	172	1 305	1 038	1 372	304
$10,000 to $19,999	farms	60	175	194	10	234	139	174	21
	$1,000	815	2 510	2 796	144	3 388	1 985	2 411	286
$20,000 to $39,999	farms	58	183	170	15	291	114	135	24
	$1,000	1 638	5 218	4 776	421	8 377	3 150	3 914	631
$40,000 to $99,999	farms	67	228	178	13	398	83	170	20
	$1,000	4 098	15 082	11 358	742	26 086	5 338	10 743	1 297
$100,000 to $249,999	farms	28	152	103	6	237	108	125	7
	$1,000	4 266	23 372	16 186	885	35 474	16 759	20 093	1 014
$250,000 or more	farms	5	50	45	-	106	60	44	4
	$1,000	1 659	21 888	22 044	-	65 410	26 395	23 788	3 561
Abnormal farms	farms	-	-	-	-	-	1	1	-
	$1,000	-	-	-	-	-	(D)	(D)	-
1978 value of sales:									
Less than $1,000	farms	57	58	108	45	45	79	80	39
	$1,000	24	24	44	13	22	31	(D)	16
$1,000 to $2,499	farms	65	105	236	37	124	182	136	40
	$1,000	111	183	395	61	206	308	238	68
$2,500 to $4,999	farms	63	162	254	42	161	161	170	44
	$1,000	223	609	911	160	570	580	(D)	165
$5,000 to $9,999	farms	44	233	287	30	256	146	191	45
	$1,000	318	1 717	2 021	197	1 836	1 050	1 379	334
$10,000 to $19,999	farms	51	228	235	25	297	136	181	26
	$1,000	726	3 192	3 223	334	4 385	1 916	2 508	351
$20,000 to $39,999	farms	52	205	177	15	342	99	169	24
	$1,000	1 524	5 785	4 961	430	9 790	2 849	4 774	598
$40,000 to $99,999	farms	97	236	145	16	388	151	200	11
	$1,000	6 721	15 220	9 130	(D)	24 996	9 573	13 035	746
$100,000 to $249,999	farms	42	83	82	2	135	85	91	6
	$1,000	6 023	12 161	12 695	(D)	19 549	12 569	13 663	(D)
$250,000 or more	farms	16	24	18	-	52	25	13	2
	$1,000	4 907	12 532	8 283	-	32 878	11 911	9 027	(D)
Abnormal farms	farms	-	-	-	-	-	3	1	-
	$1,000	-	-	-	-	-	807	(D)	-
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	340	1 054	1 110	93	1 449	798	947	141
	1978	415	1 199	1 261	126	1 542	841	1 000	161
	$1,000, 1982	8 798	43 673	26 659	707	59 742	29 649	25 968	1 831
	1978	17 957	28 589	16 930	739	36 549	20 470	17 904	1 098
Grains	farms, 1982	91	1 008	1 045	20	1 396	654	845	88
	1978	99	1 132	1 177	24	1 461	728	889	90
	$1,000, 1982	753	37 281	23 591	30	46 128	22 484	20 537	1 394
	1978	635	23 895	15 080	21	27 352	14 155	11 065	603
Corn for grain	farms, 1982	58	667	837	1	973	521	635	47
	$1,000, 1982	542	14 426	16 199	(D)	19 970	14 841	11 842	994
Wheat	farms, 1982	43	436	490	-	698	315	530	42
	$1,000, 1982	122	2 133	1 582	-	3 462	2 167	2 697	153
Soybeans	farms, 1982	1	745	566	-	89	305	336	7
	$1,000, 1982	(D)	11 018	5 384	-	718	4 502	3 539	60
Sorghum for grain	farms, 1982	-	-	3	-	-	-	-	-
	$1,000, 1982	-	-	8	-	-	-	-	-
Oats	farms, 1982	27	254	191	19	576	137	248	34
	$1,000, 1982	(D)	555	322	17	1 753	386	481	78
Other grains	farms, 1982	21	537	19	4	1 081	33	133	13
	$1,000, 1982	60	9 149	96	(D)	20 225	587	1 977	109
Cotton and cottonsaed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	100	128	254	51	246	211	259	83
	1978	140	194	336	67	410	276	286	106
	$1,000, 1982	383	804	1 636	117	1 870	758	884	373
	1978	410	810	1 264	178	1 758	995	957	467
Vegetables, swaat corn, and malons	farms, 1982	36	41	24	8	6	45	64	5
	1978	33	50	13	13	6	35	64	7
	$1,000, 1982	368	1 888	838	12	(D)	3 527	1 282	22
	1978	422	1 253	198	(D)	5	2 257	3 151	15

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	98	1 016	1 242	961	91	1 524	4	123
	1978	92	999	1 190	976	92	1 461	5	126
	$1,000, 1982	1 877	41 234	45 911	53 123	2 668	78 157	2	1 582
	1978	1 146	32 321	35 305	38 950	1 646	59 089	4	972
Average per farm	dollars, 1982	19 154	40 585	36 965	55 279	29 314	51 284	483	12 865
	1978	12 459	32 353	29 668	39 908	17 889	40 445	830	7 716
1982 value of sales:									
Less than $1,000	farms	17	84	159	106	24	198	4	29
	$1,000	3	29	(D)	(D)	6	(D)	2	8
$1,000 to $2,499	farms	17	124	178	136	17	195	-	21
	$1,000	26	210	295	232	22	324	-	34
$2,500 to $4,999	farms	16	135	198	133	9	195	-	19
	$1,000	58	488	717	469	35	728	-	67
$5,000 to $9,999	farms	15	168	207	137	10	219	-	24
	$1,000	90	1 224	1 461	961	76	1 554	-	184
$10,000 to $19,999	farms	11	151	180	118	9	185	-	13
	$1,000	138	2 191	2 505	1 699	119	2 639	-	169
$20,000 to $39,999	farms	12	121	122	84	8	138	-	9
	$1,000	312	3 417	3 329	2 344	187	3 854	-	268
$40,000 to $99,999	farms	6	112	94	98	5	183	-	5
	$1,000	394	7 162	5 725	6 178	364	11 877	-	383
$100,000 to $249,999	farms	2	93	63	89	7	128	-	3
	$1,000	(D)	14 010	9 563	13 995	(D)	20 130	-	469
$250,000 or more	farms	2	28	40	59	2	82	-	-
	$1,000	(D)	12 503	21 459	27 100	(D)	36 949	-	-
Abnormal farms	farms	-	-	1	1	-	1	-	-
	$1,000	-	-	(D)	(D)	-	(D)	-	-
1978 value of sales:									
Less than $1,000	farms	18	85	133	92	20	151	3	33
	$1,000	8	31	(D)	(D)	8	(D)	(D)	11
$1,000 to $2,499	farms	15	135	217	149	16	190	2	24
	$1,000	25	236	361	246	30	313	(D)	41
$2,500 to $4,999	farms	14	160	211	133	15	233	-	35
	$1,000	49	584	(D)	(D)	54	(D)	-	120
$5,000 to $9,999	farms	20	146	208	145	12	195	-	12
	$1,000	139	1 026	1 453	1 005	84	1 439	-	76
$10,000 to $19,999	farms	8	143	151	129	8	178	-	9
	$1,000	97	2 083	2 098	1 794	124	2 477	-	142
$20,000 to $39,999	farms	11	126	92	103	8	161	-	8
	$1,000	314	3 717	2 611	2 833	246	4 678	-	217
$40,000 to $99,999	farms	4	129	109	115	10	195	-	4
	$1,000	(D)	8 093	7 156	7 448	570	12 232	-	(D)
$100,000 to $249,999	farms	2	54	46	80	2	110	-	1
	$1,000	(D)	7 888	7 417	11 890	(D)	16 547	-	(D)
$250,000 or more	farms	-	21	22	29	1	47	-	-
	$1,000	-	8 663	12 692	12 902	(D)	20 468	-	-
Abnormal farms	farms	-	-	1	1	-	1	-	-
	$1,000	-	-	(D)	(D)	-	(D)	-	-
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	44	775	864	752	54	1 098	-	58
	1978	49	741	926	772	55	1 154	1	65
	$1,000, 1982	1 075	12 902	20 057	30 939	1 406	45 684	-	398
	1978	560	8 892	13 532	20 307	743	32 931	(D)	204
Grains	farms, 1982	12	664	807	548	33	705	-	36
	1978	14	627	764	553	24	712	-	25
	$1,000, 1982	44	10 880	16 314	16 133	253	11 446	-	233
	1978	65	6 596	10 577	9 789	261	6 457	-	55
Corn for grain	farms, 1982	-	402	708	428	19	579	-	20
	$1,000, 1982	-	5 064	13 657	10 082	95	8 896	-	144
Wheat	farms, 1982	1	371	354	281	21	319	-	23
	$1,000, 1982	(D)	1 429	1 392	1 991	113	1 149	-	35
Soybeans	farms, 1982	-	239	136	261	1	45	-	1
	$1,000, 1982	-	1 631	851	3 784	(D)	396	-	(D)
Sorghum for grain	farms, 1982	-	-	1	3	1	-	-	-
	$1,000, 1982	-	-	(D)	6	(D)	-	-	-
Oats	farms, 1982	10	191	204	92	8	174	-	14
	$1,000, 1982	26	330	406	175	(D)	351	-	12
Other grains	farms, 1982	3	246	9	20	5	53	-	6
	$1,000, 1982	(D)	2 426	(D)	95	9	655	-	(D)
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	29	274	352	152	27	369	-	37
	1978	33	298	368	188	35	444	-	52
	$1,000, 1982	167	1 135	1 548	691	75	1 371	-	148
	1978	103	1 279	1 321	748	102	1 421	-	106
Vegetables, sweet corn, and melons	farms, 1982	2	14	51	53	1	136	-	5
	1978	3	9	46	41	2	115	-	4
	$1,000, 1982	(D)	770	1 577	824	(D)	4 794	-	16
	1978	(D)	792	974	(D)	(D)	3 490	-	(D)

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	1 361	429	1 619	884	30	96	819	304
	1978	1 323	420	1 840	792	30	87	838	341
	$1,000, 1982	52 790	16 040	88 835	32 951	679	2 870	34 026	8 960
	1978	41 332	22 540	73 237	23 990	846	2 044	25 792	9 475
Average per farm	dollars, 1982	38 788	37 389	54 870	37 275	22 648	29 900	41 546	29 475
	1978	31 241	53 667	39 803	30 290	28 191	23 499	30 778	27 785
1982 value of sales:									
Less than $1,000	farms	215	75	89	158	7	14	82	73
	$1,000	63	20	30	49	(D)	7	22	21
$1,000 to $2,499	farms	200	36	167	141	2	20	105	55
	$1,000	330	60	286	237	(D)	35	172	83
$2,500 to $4,999	farms	199	47	156	125	4	7	116	41
	$1,000	724	170	574	460	16	25	415	154
$5,000 to $9,999	farms	203	47	251	141	5	14	125	42
	$1,000	1 407	343	1 826	970	34	94	883	303
$10,000 to $19,999	farms	141	59	234	104	1	7	95	32
	$1,000	1 940	835	3 340	1 466	(D)	85	1 310	413
$20,000 to $39,999	farms	139	57	211	58	5	7	118	21
	$1,000	3 914	1 568	5 803	1 599	143	175	3 424	581
$40,000 to $99,999	farms	134	69	272	72	4	22	97	24
	$1,000	8 958	4 204	17 482	4 764	257	1 491	6 192	1 600
$100,000 to $249,999	farms	98	30	158	58	2	4	62	9
	$1,000	15 073	4 258	24 581	9 156	(D)	(D)	9 175	1 217
$250,000 or more	farms	32	9	81	27	-	1	19	7
	$1,000	20 382	4 581	34 913	14 249	-	(D)	12 433	4 580
Abnormal farms	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
1978 value of sales:									
Less than $1,000	farms	196	44	100	94	4	13	77	74
	$1,000	(D)	(D)	44	(D)	2	7	30	28
$1,000 to $2,499	farms	240	37	192	150	8	10	138	51
	$1,000	401	62	338	244	14	16	227	78
$2,500 to $4,999	farms	212	34	231	116	4	16	118	56
	$1,000	(D)	(D)	837	(D)	13	56	426	203
$5,000 to $9,999	farms	191	40	288	118	3	11	157	64
	$1,000	1 338	291	2 068	844	24	74	1 103	468
$10,000 to $19,999	farms	119	47	328	108	2	7	95	26
	$1,000	1 641	700	4 657	1 522	(D)	99	1 265	343
$20,000 to $39,999	farms	133	66	246	69	1	9	106	23
	$1,000	3 793	1 996	7 042	1 965	(D)	274	3 004	854
$40,000 to $99,999	farms	152	92	276	84	6	19	96	27
	$1,000	9 863	5 807	17 486	5 531	(D)	(D)	6 066	1 779
$100,000 to $249,999	farms	53	47	122	43	2	2	37	13
	$1,000	7 943	7 935	18 551	6 612	(D)	(D)	5 370	1 723
$250,000 or more	farms	26	12	57	9	-	-	14	7
	$1,000	15 491	5 623	22 215	6 734	-	-	8 301	4 198
Abnormal farms	farms	1	1	-	1	-	-	-	-
	$1,000	(D)	(D)	-	(D)	-	-	-	-
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	930	334	1 409	586	16	40	666	185
	1978	940	346	1 643	587	16	39	713	243
	$1,000, 1982	25 775	11 729	57 292	13 320	192	127	24 652	7 960
	1978	19 856	18 779	45 381	10 245	345	(D)	18 763	8 673
Grains	farms, 1982	717	60	1 331	414	6	14	427	53
	1978	677	48	1 536	409	4	13	455	69
	$1,000, 1982	12 750	508	51 427	7 569	6	25	6 528	452
	1978	7 217	147	40 532	3 812	4	34	4 026	316
Corn for grain	farms, 1982	550	36	1 031	335	-	-	244	25
	$1,000, 1982	8 981	375	28 024	5 905	-	-	2 469	167
Wheat	farms, 1982	250	19	704	213	-	6	128	24
	$1,000, 1982	788	36	3 742	796	-	12	305	54
Soybeans	farms, 1982	181	2	1 071	71	-	-	301	-
	$1,000, 1982	1 073	(D)	19 078	526	-	-	3 409	-
Sorghum for grain	farms, 1982	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
Oats	farms, 1982	222	23	228	111	6	6	111	11
	$1,000, 1982	478	25	468	282	(D)	8	272	9
Other grains	farms, 1982	77	9	28	7	1	3	21	17
	$1,000, 1982	1 430	(D)	114	59	(D)	4	73	222
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	353	49	154	252	13	29	95	72
	1978	432	78	291	288	10	30	161	107
	$1,000, 1982	1 492	127	455	944	34	71	306	183
	1978	1 597	172	1 151	1 034	30	119	436	293
Vegetables, sweet corn, and melons	farms, 1982	62	20	71	43	3	3	172	39
	1978	62	16	57	34	2	2	160	27
	$1,000, 1982	6 727	117	3 941	(D)	(D)	8	4 347	703
	1978	5 638	79	1 630	(D)	(D)	(D)	3 224	464

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ---- farms, 1982	125	492	684	458	502	343	1 458	1 132
1978	101	496	687	488	524	361	1 529	1 210
$1,000, 1982	1 540	18 064	22 586	17 372	18 184	23 151	62 064	56 282
1978	1 594	13 355	13 376	12 965	14 085	14 327	45 132	34 240
Average per farm ---- dollars, 1982	12 320	36 716	33 021	37 931	36 223	67 496	42 568	49 719
1978	15 787	26 926	19 470	26 567	26 879	39 687	29 517	28 297
1982 value of sales:								
Less than $1,000 ---- farms	55	72	113	54	81	20	110	125
$1,000	(D)	27	34	(D)	31	(D)	33	(D)
$1,000 to $2,499 ---- farms	22	71	108	62	62	31	167	138
$1,000	(D)	112	184	(D)	105	(D)	279	231
$2,500 to $4,999 ---- farms	18	67	105	60	77	35	199	159
$1,000	67	240	376	216	271	132	689	583
$5,000 to $9,999 ---- farms	8	69	106	54	75	46	222	149
$1,000	57	487	749	380	540	320	1 593	1 063
$10,000 to $19,999 ---- farms	9	52	89	57	77	32	244	161
$1,000	134	767	1 241	786	1 085	452	3 578	2 305
$20,000 to $39,999 ---- farms	4	47	48	44	45	24	188	100
$1,000	(D)	1 388	1 440	1 209	1 364	686	5 349	2 814
$40,000 to $99,999 ---- farms	4	65	65	75	45	63	200	152
$1,000	275	4 095	4 251	5 153	2 975	4 512	12 276	10 015
$100,000 to $249,999 ---- farms	3	33	40	42	29	77	84	94
$1,000	438	5 310	6 026	6 395	4 379	11 686	12 979	14 401
$250,000 or more ---- farms	1	16	10	9	11	14	44	53
$1,000	(D)	5 638	8 284	3 098	7 436	5 210	25 288	24 813
Abnormal farms ---- farms	1	-	-	1	-	1	-	1
$1,000	(D)	-	-	(D)	-	(D)	-	(D)
1978 value of sales:								
Less than $1,000 ---- farms	32	72	141	58	42	43	83	151
$1,000	(D)	23	54	21	19	(D)	41	(D)
$1,000 to $2,499 ---- farms	20	64	112	70	81	38	175	202
$1,000	(D)	110	182	117	133	(D)	292	335
$2,500 to $4,999 ---- farms	17	76	118	71	86	42	217	188
$1,000	62	285	421	259	300	152	794	(D)
$5,000 to $9,999 ---- farms	5	72	112	58	103	33	304	181
$1,000	36	509	772	408	756	242	2 188	1 255
$10,000 to $19,999 ---- farms	10	63	54	62	70	37	281	159
$1,000	147	903	759	927	997	489	3 961	2 222
$20,000 to $39,999 ---- farms	7	57	66	67	63	47	197	123
$1,000	187	1 668	1 885	1 893	1 707	1 417	5 393	3 516
$40,000 to $99,999 ---- farms	4	57	58	75	51	87	187	133
$1,000	218	3 595	3 514	4 570	2 987	5 748	11 173	8 395
$100,000 to $249,999 ---- farms	5	29	20	24	21	30	66	49
$1,000	743	3 919	2 859	3 660	3 057	4 694	10 325	7 830
$250,000 or more ---- farms	-	6	6	3	7	3	19	23
$1,000	-	2 343	2 931	1 011	4 129	1 430	10 965	9 933
Abnormal farms ---- farms	1	-	-	-	-	1	-	1
$1,000	(D)	-	-	-	-	(D)	-	(D)
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse products ---- farms, 1982	40	364	438	180	373	166	1 297	886
1978	52	365	450	231	444	182	1 421	973
$1,000, 1982	517	8 328	7 053	1 023	11 553	1 531	47 929	35 904
1978	598	7 332	5 359	1 416	9 508	1 254	36 287	20 660
Grains ---- farms, 1982	9	214	298	98	337	91	1 183	753
1978	11	190	306	107	398	82	1 311	814
$1,000, 1982	25	2 333	3 053	538	9 905	486	32 380	17 778
1978	8	1 256	1 770	427	7 564	309	26 097	9 097
Corn for grain ---- farms, 1982	1	124	198	45	224	42	807	540
$1,000, 1982	(D)	1 518	1 891	325	4 377	295	15 480	9 533
Wheat ---- farms, 1982	-	152	156	7	101	42	373	426
$1,000, 1982	-	631	474	(D)	529	112	1 322	2 451
Soybeans ---- farms, 1982	-	4	4	1	222	-	1 018	102
$1,000, 1982	-	19	(D)	(D)	2 489	-	14 999	982
Sorghum for grain ---- farms, 1982	-	-	-	-	-	-	-	-
$1,000, 1982	-	-	-	-	-	-	-	-
Oats ---- farms, 1982	7	55	72	46	73	37	240	194
$1,000, 1982	11	116	(D)	85	111	(D)	(D)	373
Other grains ---- farms, 1982	2	31	57	26	158	4	7	254
$1,000, 1982	(D)	50	580	119	2 400	(D)	(D)	4 438
Cotton and cottonseed ---- farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
$1,000, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Tobacco ---- farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
$1,000, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ---- farms, 1982	24	105	240	116	55	115	107	286
1978	33	140	258	180	91	141	152	348
$1,000, 1982	183	304	1 110	439	186	837	725	1 055
1978	96	386	1 208	788	180	746	427	1 069
Vegetables, sweet corn, and melons ---- farms, 1982	10	93	32	3	16	3	124	33
1978	8	82	26	2	20	3	106	40
$1,000, 1982	(D)	1 538	478	(D)	202	13	5 266	(D)
1978	45	1 254	517	(D)	206	(D)	2 457	923

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemew	Ontonagon	Osceola
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	106	481	784	688	735	308	145	549
	1978	110	493	807	620	772	303	149	546
	$1,000, 1982	2 748	26 978	33 369	18 523	29 930	9 538	1 852	17 951
	1978	2 026	18 144	24 989	17 092	25 746	7 313	1 699	12 065
Average per farm	dollars, 1982	25 925	56 087	42 562	26 923	40 721	30 967	12 772	32 697
	1978	18 418	36 803	30 966	27 567	33 349	24 135	11 406	22 096
1982 value of sales:									
Less than $1,000	farms	15	62	121	172	81	47	36	81
	$1,000	6	19	39	36	23	9	13	25
$1,000 to $2,499	farms	17	73	91	133	74	27	25	91
	$1,000	29	120	151	222	123	43	41	155
$2,500 to $4,999	farms	21	83	105	115	102	51	25	80
	$1,000	71	307	382	410	364	180	89	292
$5,000 to $9,999	farms	15	60	123	90	112	64	24	87
	$1,000	107	424	877	623	806	437	168	622
$10,000 to $19,999	farms	10	50	106	70	121	35	14	58
	$1,000	134	717	1 490	992	1 685	479	195	811
$20,000 to $39,999	farms	10	35	49	37	69	23	6	40
	$1,000	310	1 032	1 371	1 013	2 063	626	161	1 154
$40,000 to $99,999	farms	10	55	85	35	94	27	13	59
	$1,000	647	3 682	5 769	2 195	5 896	1 768	(D)	3 909
$100,000 to $249,999	farms	7	42	80	25	60	28	1	39
	$1,000	(D)	6 931	12 171	3 759	8 974	4 227	(D)	6 039
$250,000 or more	farms	1	21	24	11	22	6	1	14
	$1,000	(D)	13 746	11 119	9 272	9 997	1 768	(D)	4 943
Abnormal farms	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
1978 value of sales:									
Less than $1,000	farms	18	69	113	99	81	34	31	97
	$1,000	5	30	45	33	29	12	12	33
$1,000 to $2,499	farms	18	78	134	141	86	52	17	97
	$1,000	28	134	226	229	140	89	29	164
$2,500 to $4,999	farms	27	80	144	118	104	44	29	89
	$1,000	98	271	522	412	368	152	112	326
$5,000 to $9,999	farms	14	84	117	79	129	56	35	72
	$1,000	101	590	814	543	938	402	251	521
$10,000 to $19,999	farms	9	46	69	64	106	35	17	61
	$1,000	137	690	980	875	1 510	460	230	849
$20,000 to $39,999	farms	12	36	73	46	108	33	9	42
	$1,000	348	1 003	2 149	1 314	3 062	959	225	1 202
$40,000 to $99,999	farms	7	55	98	43	92	30	9	58
	$1,000	509	3 548	6 120	2 746	6 176	1 853	(D)	3 894
$100,000 to $249,999	farms	5	27	47	20	52	17	2	26
	$1,000	799	3 903	6 513	2 920	7 653	(D)	(D)	3 880
$250,000 or more	farms	-	18	12	10	14	2	-	4
	$1,000	-	7 976	7 620	8 019	5 869	(D)	-	1 196
Abnormal farms	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	55	318	531	380	584	158	68	244
	1978	54	354	557	392	633	191	79	285
	$1,000, 1982	369	16 009	14 266	14 816	20 107	1 327	317	1 718
	1978	437	10 232	11 952	12 780	20 066	1 414	307	1 660
Grains	farms, 1982	41	176	347	139	223	104	11	121
	1978	37	171	355	149	172	104	26	124
	$1,000, 1982	277	2 894	3 041	3 159	1 608	771	13	548
	1978	(D)	1 284	1 396	1 612	726	486	26	297
Corn for grain	farms, 1982	6	140	287	108	165	35	-	37
	$1,000, 1982	49	2 410	2 652	2 653	1 281	299	-	249
Wheat	farms, 1982	29	82	131	63	94	60	3	66
	$1,000, 1982	83	327	252	270	253	186	(D)	193
Soybeans	farms, 1982	-	9	7	14	3	4	-	3
	$1,000, 1982	-	101	21	147	(D)	(D)	-	(D)
Sorghum for grain	farms, 1982	-	-	-	2	-	-	-	-
	$1,000, 1982	-	-	-	(D)	-	-	-	-
Oats	farms, 1982	26	35	68	41	30	47	8	38
	$1,000, 1982	78	37	81	86	32	134	(D)	81
Other grains	farms, 1982	4	12	15	2	38	10	-	11
	$1,000, 1982	67	19	35	(D)	(D)	(D)	-	(D)
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	21	117	250	170	139	100	53	178
	1978	38	162	302	180	194	127	65	217
	$1,000, 1982	63	592	1 011	679	526	394	292	767
	1978	178	630	1 008	600	522	451	272	1 130
Vegetables, sweet corn, and melons	farms, 1982	-	52	62	56	332	6	4	2
	1978	-	60	61	42	352	11	-	4
	$1,000, 1982	-	3 390	7 181	500	7 824	2	9	(D)
	1978	-	2 971	7 247	365	6 811	17	-	(D)

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations end symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	86	142	1 573	335	37	1 702	1 302	1 033
	1978	80	151	1 588	347	31	1 817	1 316	1 083
	$1,000, 1982	2 259	2 754	138 216	10 007	236	68 323	37 320	51 997
	1978	1 700	1 840	88 379	6 142	177	53 749	29 342	40 735
Average per ferm	dollars, 1982	26 268	19 391	87 868	29 872	6 378	40 143	28 664	50 336
	1978	21 246	12 188	55 654	17 701	5 700	29 581	22 296	37 613
1982 value of sales:									
Less than $1,000	farms	16	15	141	51	11	115	197	77
	$1,000	3	4	(D)	9	2	(D)	69	30
$1,000 to $2,499	farms	14	26	173	52	7	150	208	105
	$1,000	22	43	292	87	12	262	349	171
$2,500 to $4,999	farms	6	23	168	46	8	186	183	118
	$1,000	22	88	600	164	31	719	656	428
$5,000 to $9,999	farms	9	23	237	72	5	270	185	141
	$1,000	66	170	1 684	518	(D)	1 983	1 329	1 010
$10,000 to $19,999	ferms	11	20	189	30	3	296	172	146
	$1,000	153	283	2 675	452	40	4 243	2 456	2 089
$20,000 to $39,999	farms	12	15	145	29	2	277	152	180
	$1,000	376	392	4 204	867	(D)	7 730	4 356	5 201
$40,000 to $99,999	farms	12	16	227	28	1	224	137	124
	$1,000	740	1 023	15 149	1 863	(D)	14 603	8 218	8 033
$100,000 to $249,999	farms	5	4	196	18	-	135	50	101
	$1,000	(D)	750	30 213	2 780	-	20 633	7 458	15 915
$250,000 or more	farms	1	-	96	9	-	48	18	41
	$1,000	(D)	-	83 347	3 266	-	18 102	12 430	19 121
Abnormal farms	farms	-	-	1	-	-	1	-	-
	$1,000	-	-	(D)	-	-	(D)	-	-
1978 value of sales:									
Less than $1,000	farms	13	28	128	42	9	71	143	75
	$1,000	4	10	(D)	17	2	(D)	52	(D)
$1,000 to $2,499	farms	8	30	237	56	6	191	227	116
	$1,000	14	48	400	91	9	324	376	196
$2,500 to $4,999	farms	11	14	214	69	7	244	247	152
	$1,000	42	47	(D)	253	21	(D)	893	(D)
$5,000 to $9,999	farms	15	31	236	62	4	336	219	175
	$1,000	117	229	1 677	438	(D)	2 479	1 542	1 238
$10,000 to $19,999	farms	8	23	162	40	3	355	162	172
	$1,000	105	313	2 341	543	34	5 083	2 279	2 494
$20,000 to $39,999	farms	12	13	182	35	1	261	144	148
	$1,000	369	356	5 251	951	(D)	7 514	4 182	4 249
$40,000 to $99,999	farms	9	11	250	32	1	248	133	152
	$1,000	551	(D)	15 990	1 949	(D)	15 425	7 959	9 664
$100,000 to $249,999	farms	4	1	132	9	-	86	30	72
	$1,000	499	(D)	19 657	(D)	-	12 747	4 323	11 201
$250,000 or more	farms	-	-	46	2	-	24	11	20
	$1,000	-	-	42 231	(D)	-	9 229	7 736	11 069
Abnormal farms	farms	-	-	1	-	-	1	-	1
	$1,000	-	-	(D)	-	-	(D)	-	(D)
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	32	82	1 116	209	11	1 522	944	816
	1978	33	98	1 211	219	13	1 691	1 029	864
	$1,000, 1982	178	889	57 378	5 217	152	55 919	19 856	32 912
	1978	147	703	37 137	2 449	111	42 600	12 865	24 416
Grains	farms, 1982	11	50	646	160	4	1 434	750	748
	1978	12	34	708	120	2	1 593	807	792
	$1,000, 1982	23	158	8 475	1 611	(D)	44 841	15 018	28 876
	1978	26	63	4 125	817	(D)	32 713	9 096	19 132
Corn for grain	farms, 1982	9	12	512	19	1	797	401	603
	$1,000, 1982	19	21	7 327	(D)	(D)	14 019	6 649	21 075
Wheat	farms, 1982	-	19	293	85	2	534	156	320
	$1,000, 1982	-	52	820	265	(D)	2 925	429	1 165
Soybeans	farms, 1982	-	-	34	1	1	1 196	572	493
	$1,000, 1982	-	-	162	(D)	(D)	19 464	6 490	5 734
Sorghum for grain	farms, 1982	-	-	-	-	-	1	-	1
	$1,000, 1982	-	-	-	-	-	(D)	-	(D)
Oats	ferms, 1982	5	36	138	94	3	292	294	44
	$1,000, 1982	4	69	127	299	(D)	(D)	854	(D)
Other grains	farms, 1982	-	8	28	73	-	539	92	52
	$1,000, 1982	-	16	39	920	-	7 939	595	844
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	24	51	303	88	5	111	276	203
	1978	24	72	388	116	10	206	395	237
	$1,000, 1982	153	241	860	238	47	627	954	1 014
	1978	110	305	1 079	320	21	630	1 096	862
Vegetables, sweet corn, and melons	farms, 1982	1	3	182	1	-	66	70	38
	1978	2	7	173	6	-	63	72	35
	$1,000, 1982	(D)	2	7 334	(D)	-	1 790	1 442	2 069
	1978	(D)	19	6 961	2	-	2 119	948	(D)

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1982	1 846	56	1 386	1 483	1 464	1 347	439	229
	1978	1 969	54	1 384	1 563	1 615	1 362	463	227
	$1,000, 1982	101 459	703	43 046	84 360	69 280	51 770	13 172	4 165
	1978	72 581	582	36 063	60 699	52 494	39 232	11 781	3 276
Average per farm	dollars, 1982	54 962	12 556	31 057	56 885	47 322	38 434	30 005	18 189
	1978	36 862	10 775	26 057	38 835	32 504	28 805	25 445	14 430
1982 value of sales:									
Less than $1,000	farms	120	12	105	123	162	161	68	57
	$1,000	(D)	5	36	41	53	54	(D)	16
$1,000 to $2,499	farms	155	10	149	125	164	159	76	42
	$1,000	261	16	256	207	269	264	(D)	73
$2,500 to $4,999	farms	186	14	185	146	225	204	70	29
	$1,000	663	52	669	533	808	771	250	108
$5,000 to $9,999	farms	227	5	255	203	226	193	73	30
	$1,000	1 668	36	1 867	1 507	1 656	1 388	502	217
$10,000 to $19,999	farms	273	4	224	186	222	195	51	25
	$1,000	3 929	52	3 219	2 747	3 179	2 784	740	338
$20,000 to $39,999	farms	241	6	194	206	168	155	29	15
	$1,000	7 035	189	5 477	5 920	4 833	4 329	803	452
$40,000 to $99,999	farms	329	4	171	246	162	146	36	21
	$1,000	21 322	(D)	11 259	15 989	10 582	9 471	2 149	1 300
$100,000 to $249,999	farms	240	1	83	174	98	95	28	9
	$1,000	37 163	(D)	12 127	26 260	15 421	14 611	4 036	(D)
$250,000 or more	farms	74	-	20	74	37	39	7	1
	$1,000	29 368	-	8 137	31 154	32 479	18 100	4 485	(D)
Abnormal farms	farms	1	-	-	-	-	-	1	-
	$1,000	(D)	-	-	-	-	-	(D)	-
1978 value of sales:									
Less than $1,000	farms	107	7	73	107	150	105	51	62
	$1,000	(D)	4	32	49	(D)	46	(D)	18
$1,000 to $2,499	farms	202	10	186	170	233	221	94	39
	$1,000	(D)	17	314	284	396	366	155	67
$2,500 to $4,999	farms	227	15	239	175	256	207	85	40
	$1,000	814	49	883	626	(D)	760	(D)	148
$5,000 to $9,999	farms	292	6	277	228	283	216	76	22
	$1,000	2 047	39	1 942	1 610	2 033	1 538	522	157
$10,000 to $19,999	farms	306	7	215	249	226	210	56	16
	$1,000	4 366	104	3 092	3 577	3 158	2 986	764	234
$20,000 to $39,999	farms	261	5	156	225	186	158	27	26
	$1,000	7 495	125	4 464	6 554	5 183	4 490	705	779
$40,000 to $99,999	farms	385	4	180	251	177	148	51	15
	$1,000	24 827	245	12 144	15 995	10 806	9 521	3 154	952
$100,000 to $249,999	farms	162	-	47	128	82	81	13	7
	$1,000	23 307	-	6 445	19 027	12 326	12 158	1 746	921
$250,000 or more	farms	26	-	11	30	21	16	9	-
	$1,000	9 339	-	6 747	12 976	17 513	7 367	4 364	-
Abnormal farms	farms	1	-	-	-	1	-	1	-
	$1,000	(D)	-	-	-	(D)	-	(D)	-
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms, 1982	1 437	32	1 182	1 225	1 198	1 058	342	125
	1978	1 558	28	1 207	1 344	1 392	1 114	388	120
	$1,000, 1982	41 706	236	23 458	59 214	52 804	26 095	12 646	790
	1978	26 803	114	16 265	41 495	39 836	18 641	10 776	808
Grains	farms, 1982	1 293	11	1 097	1 140	551	884	205	50
	1978	1 369	7	1 105	1 222	639	944	214	46
	$1,000, 1982	32 172	62	21 647	43 404	11 192	17 076	2 998	347
	1978	18 672	12	14 152	30 199	6 219	11 415	2 106	209
Corn for grain	farms, 1982	793	-	596	886	451	703	92	28
	$1,000, 1982	14 561	-	7 657	20 392	8 786	11 594	1 433	235
Wheat	farms, 1982	395	1	434	546	123	515	39	20
	$1,000, 1982	1 939	(D)	1 607	3 291	553	2 038	172	80
Soybeans	farms, 1982	492	-	834	346	204	305	171	-
	$1,000, 1982	5 457	-	10 409	3 747	1 389	2 824	1 362	-
Sorghum for grain	farms, 1982	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
Oats	farms, 1982	752	4	482	353	49	279	22	21
	$1,000, 1982	2 930	(D)	1 400	998	51	539	32	25
Other grains	farms, 1982	536	9	102	684	28	29	-	4
	$1,000, 1982	7 286	50	573	14 975	413	81	-	7
Cotton and cottonseed	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Tobacco	farms, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1982	400	15	223	191	210	360	38	87
	1978	553	19	291	309	277	398	49	90
	$1,000, 1982	2 351	68	838	663	628	1 359	145	258
	1978	2 570	49	1 020	1 009	703	1 753	124	282
Vegetables, sweet corn, and melons	farms, 1982	25	3	19	38	281	60	71	11
	1978	79	1	32	33	380	65	76	14
	$1,000, 1982	279	(D)	63	954	7 133	2 030	1 153	141
	1978	1 176	(D)	158	646	7 484	1 356	946	217

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse products—Con.							
Fruits, nuts, and berries—farms, 1982	4 370	7	4	211	19	77	3
1978	4 873	7	5	248	35	77	5
$1,000, 1982	162 143	5	26	7 530	238	2 836	(D)
1978	161 387	5	27	6 542	375	4 628	(D)
Nursery and greenhouse products—farms, 1982	1 368	-	2	50	1	7	2
1978	1 444	-	1	45	-	2	2
$1,000, 1982	139 682	-	(D)	13 619	(D)	171	(D)
1978	103 587	-	(D)	7 042	-	(D)	(D)
Other crops—farms, 1982	2 015	2	1	17	5	10	49
1978	2 143	2	1	19	4	10	55
$1,000, 1982	104 404	(D)	(D)	2 572	(D)	1 272	2 440
1978	72 336	(D)	(D)	1 148	24	1 244	1 776
Livestock, poultry, and their products—farms, 1982	30 755	227	49	1 110	294	161	181
1978	30 955	203	68	1 165	286	151	216
$1,000, 1982	1 223 652	3 947	1 718	74 529	7 033	6 079	6 489
1978	916 571	2 586	1 396	50 399	5 252	4 412	5 388
Poultry and poultry products—farms, 1982	3 100	16	6	125	23	22	11
1978	3 053	14	8	137	31	22	14
$1,000, 1982	101 375	(D)	2	14 665	(D)	938	(D)
1978	78 304	(D)	(D)	9 514	237	839	93
Dairy products—farms, 1982	7 589	30	26	273	69	34	66
1978	8 252	27	26	303	70	30	77
$1,000, 1982	613 059	1 867	1 367	27 082	5 235	3 003	4 447
1978	431 385	967	947	18 451	3 102	2 157	3 174
Cattle and calves—farms, 1982	22 849	205	43	741	271	110	154
1978	23 057	172	61	788	242	111	178
$1,000, 1982	295 881	1 625	335	13 285	1 436	1 613	1 305
1978	260 614	1 192	404	9 917	1 676	1 143	1 545
Hogs and pigs—farms, 1982	7 194	9	2	365	24	23	30
1978	8 065	17	7	456	33	24	45
$1,000, 1982	182 764	70	(D)	18 810	110	156	671
1978	124 746	33	(D)	12 197	193	(D)	(D)
Sheep, lambs, and wool—farms, 1982	2 308	20	5	62	13	9	5
1978	1 931	18	3	55	14	3	2
$1,000, 1982	5 207	28	9	95	34	10	2
1978	4 693	31	(D)	70	12	(D)	(D)
Other livestock and livestock products (see text)—farms, 1982	3 692	12	1	123	24	26	9
1978	3 248	20	4	95	25	20	9
$1,000, 1982	25 366	(D)	(D)	592	(D)	359	(D)
1978	16 829	(D)	(D)	249	32	175	9
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	22 117	26	1	457	95	11	167
Field crops, except cash grains (013)	4 324	50	14	95	51	36	39
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4 324	50	14	95	51	36	39
Vegetables and melons (016)	1 911	1	1	65	8	4	12
Fruits and tree nuts (017)	3 586	5	6	190	15	72	2
Horticultural specialties (018)	1 105	-	2	40	1	7	1
General farms, primarily crop (019)	2 215	12	5	68	29	10	17
Livestock, except dairy, poultry, and animal specialties (021)	13 177	160	22	510	164	77	72
Beef cattle, except feedlots (0212)	5 186	134	14	130	114	43	31
Dairy farms (024)	6 575	27	23	254	59	28	57
Poultry and eggs (025)	594	4	1	50	4	6	2
Animal specialties (027)	2 327	6	-	81	7	21	4
General farms, primarily livestock (029)	730	4	1	21	9	7	4

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Berege	Berry	Bay	Benzie	Berrien	Branch	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse products—Con.								
Fruits, nuts, and berries	farms, 1982	2	18	17	94	846	18	20
	1978	3	20	15	93	1 005	17	21
	$1,000, 1982	(D)	(D)	33	2 691	26 090	(D)	(D)
	1978	(D)	149	35	4 931	22 203	283	(D)
Nursery and greenhouse products	farms, 1982	3	12	14	4	62	13	16
	1978	1	10	20	4	74	11	21
	$1,000, 1982	21	183	1 121	(D)	4 869	1 360	3 340
	1978	(D)	53	839	18	3 468	952	2 540
Other crops	farms, 1982	-	3	348	-	30	5	4
	1978	1	6	379	-	29	-	6
	$1,000, 1982	-	(D)	12 763	-	132	(D)	(D)
	1978	(D)	12	10 219	-	158	-	(D)
Livestock, poultry, and their products	farms, 1982	52	670	205	74	466	610	729
	1978	58	647	211	67	477	643	765
	$1,000, 1982	805	24 525	3 757	920	11 065	24 221	25 966
	1978	648	16 563	2 971	1 084	9 665	18 780	20 222
Poultry and poultry products	farms, 1982	3	55	38	11	45	57	65
	1978	2	57	40	7	70	49	67
	$1,000, 1982	(D)	2 323	67	9	1 477	117	1 277
	1978	(D)	1 094	152	2	1 816	(D)	651
Dairy products	farms, 1982	17	162	36	6	51	151	132
	1978	23	149	47	4	53	147	154
	$1,000, 1982	593	15 664	2 157	216	3 117	7 105	11 270
	1978	419	10 010	1 465	(D)	2 701	5 814	8 257
Cattle and calves	farms, 1982	43	515	123	41	262	415	552
	1978	56	491	128	40	259	422	574
	$1,000, 1982	206	4 259	690	439	1 258	9 315	7 618
	1978	(D)	3 850	869	(D)	1 378	6 749	6 953
Hogs and pigs	farms, 1982	-	134	67	16	164	263	223
	1978	3	170	76	13	171	304	234
	$1,000, 1982	-	1 823	(D)	(D)	4 681	7 324	5 459
	1978	(D)	1 388	(D)	(D)	3 501	5 596	4 020
Sheep, lambs, and wool	farms, 1982	-	47	2	6	29	56	69
	1978	-	59	2	-	27	72	66
	$1,000, 1982	-	78	(D)	(D)	17	280	171
	1978	-	110	(D)	-	35	146	174
Other livestock and livestock products (see text)	farms, 1982	6	98	23	26	84	50	71
	1978	4	58	13	21	84	57	73
	$1,000, 1982	(D)	378	229	59	514	80	171
	1978	(D)	111	217	(D)	233	(D)	168
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		-	377	661	7	490	736	644
Field crops, except cash grains (013)		12	85	144	11	34	17	66
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		12	85	144	11	34	17	66
Vegetables and melons (016)		4	16	77	3	168	6	14
Fruits and tree nuts (017)		3	10	11	94	692	5	9
Horticultural specialties (018)		3	6	10	3	41	10	14
General farms, primarily crop (019)		5	45	41	10	67	9	39
Livestock, except dairy, poultry, and animal specialties (021)		28	308	70	35	181	243	316
Beef cattle, except feedlots (0212)		19	139	23	17	33	64	109
Dairy farms (024)		14	143	33	4	36	98	109
Poultry and eggs (025)		2	10	2	2	8	1	13
Animal specialties (027)		3	50	21	12	51	22	41
General farms, primarily livestock (029)		-	11	2	3	9	23	16

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse products—Con.							
Fruits, nuts, and berries ---- farms, 1982	56	17	11	3	1	32	2
1978	54	14	6	4	3	32	1
$1,000, 1982	1 940	187	19	(D)	(D)	564	(D)
1978	1 576	604	15	(D)	(D)	317	(D)
Nursery and greenhouse products ---- farms, 1982	11	2	2	-	4	19	1
1978	18	4	6	1	8	21	4
$1,000, 1982	(D)	(D)	(D)	-	(D)	995	(D)
1978	(D)	23	(D)	(D)	121	372	30
Other crops ---- farms, 1982	5	4	1	2	1	24	2
1978	4	5	2	1	1	12	1
$1,000, 1982	(D)	(D)	(D)	(D)	(D)	1 038	(D)
1978	(D)	(D)	(D)	(D)	(D)	510	(D)
Livestock, poultry, and their products ---- farms, 1982	590	188	156	258	236	794	14
1978	660	177	159	246	233	796	10
$1,000, 1982	34 584	3 614	3 455	5 578	8 669	36 642	23
1978	26 661	2 968	2 349	4 169	6 355	27 864	(D)
Poultry and poultry products ---- farms, 1982	47	15	21	19	9	55	2
1978	56	10	22	22	18	66	2
$1,000, 1982	857	312	8	(D)	2	(D)	(D)
1978	691	338	5	(D)	8	354	(D)
Dairy products ---- farms, 1982	56	38	24	80	60	216	-
1978	69	39	26	86	60	237	-
$1,000, 1982	3 593	2 400	2 502	3 372	4 834	24 855	-
1978	3 124	1 765	1 502	2 543	3 010	16 973	-
Cattle and calves ---- farms, 1982	315	165	134	219	183	583	10
1978	368	152	132	216	180	583	9
$1,000, 1982	3 121	736	763	1 069	2 525	6 583	14
1978	3 235	735	623	1 092	2 196	6 880	19
Hogs and pigs ---- farms, 1982	304	24	20	26	53	205	2
1978	386	24	29	17	52	215	2
$1,000, 1982	26 105	(D)	42	123	939	4 452	(D)
1978	19 148	(D)	104	67	684	3 205	(D)
Sheep, lambs, and wool ---- farms, 1982	65	7	9	35	22	59	2
1978	47	2	9	22	20	68	1
$1,000, 1982	91	(D)	8	66	60	210	(D)
1978	88	(D)	9	55	77	188	(D)
Other livestock and livestock products (see text) ---- farms, 1982	66	23	19	38	33	67	5
1978	44	24	14	18	25	67	4
$1,000, 1982	817	51	132	(D)	309	(D)	(D)
1978	375	56	105	(D)	380	263	1
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	417	15	19	21	39	837	-
Field crops, except cash grains (013)	38	35	15	104	41	65	4
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	38	35	15	104	41	65	4
Vegetables and melons (016)	33	8	3	3	3	15	2
Fruits and tree nuts (017)	34	17	6	2	1	18	1
Horticultural specialties (018)	8	2	2	-	4	14	1
General farms, primarily crop (019)	19	16	14	23	20	36	-
Livestock, except dairy, poultry, and animal specialties (021)	372	114	98	135	126	271	9
Beef cattle, except feedlots (0212)	65	75	70	84	69	78	4
Dairy farms (024)	40	33	21	71	58	191	-
Poultry and eggs (025)	8	5	3	1	1	7	-
Animal specialties (027)	34	9	11	14	19	49	1
General farms, primarily livestock (029)	19	2	5	4	5	15	-

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse products—Con.								
Fruits, nuts, and berries	farms, 1982	9	2	24	5	56	-	2
	1978	8	-	19	8	52	2	3
	$1,000, 1982	80	(D)	104	(D)	1 162	-	(D)
	1978	55	-	82	22	834	(D)	(D)
Nursery and greenhouse products	farms, 1982	3	9	12	11	30	1	1
	1978	3	4	13	10	27	1	2
	$1,000, 1982	(D)	200	714	133	1 726	(D)	(D)
	1978	(D)	(D)	837	243	1 214	(D)	(D)
Other crops	farms, 1982	15	12	5	11	10	5	2
	1978	17	16	7	13	5	7	2
	$1,000, 1982	741	1 318	552	474	(D)	158	(D)
	1978	712	993	488	268	(D)	139	(D)
Livestock, poultry, and their products	farms, 1982	231	85	716	179	438	323	59
	1978	231	80	709	154	421	297	54
	$1,000, 1982	5 880	2 338	15 974	3 080	16 025	4 841	978
	1978	4 523	1 728	11 808	2 305	10 815	3 570	693
Poultry and poultry products	farms, 1982	28	5	58	15	56	37	5
	1978	21	7	40	8	53	20	3
	$1,000, 1982	12	3	351	6	123	24	3
	1978	8	5	251	2	505	20	(D)
Dairy products	farms, 1982	61	29	142	30	51	57	11
	1978	73	30	132	35	54	51	12
	$1,000, 1982	3 664	1 511	8 170	2 169	6 824	2 395	216
	1978	2 557	1 101	5 926	1 600	3 195	1 739	(D)
Cattle and calves	farms, 1982	189	77	524	151	297	290	49
	1978	194	70	511	142	277	254	46
	$1,000, 1982	1 124	290	4 196	758	6 515	1 839	(D)
	1978	1 153	240	3 123	662	5 781	1 443	146
Hogs and pigs	farms, 1982	30	7	153	20	90	80	1
	1978	32	6	192	12	85	64	4
	$1,000, 1982	125	(D)	2 824	54	1 939	476	(D)
	1978	29	(D)	2 163	6	881	258	2
Sheep, lambs, and wool	farms, 1982	11	2	72	4	49	30	1
	1978	8	1	67	3	27	25	-
	$1,000, 1982	15	(D)	185	3	40	36	(D)
	1978	2	(D)	214	5	56	26	-
Other livestock and livestock products (see text)	farms, 1982	30	16	106	25	89	24	8
	1978	28	14	67	14	81	26	10
	$1,000, 1982	941	(D)	249	89	584	70	622
	1978	774	370	131	31	398	84	362
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		17	1	715	9	466	113	-
Field crops, except cash grains (013)		58	27	78	36	82	33	10
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		58	27	78	36	82	33	10
Vegetables and melons (016)		7	-	14	6	30	2	-
Fruits and tree nuts (017)		8	1	21	3	52	1	2
Horticultural specialties (018)		2	9	12	10	23	1	1
General farms, primarily crop (019)		16	7	48	22	38	16	12
Livestock, except dairy, poultry, and animal specialties (021)		122	38	290	119	178	210	38
Beef cattle, except feedlots (0212)		74	28	112	78	60	104	35
Dairy farms (024)		58	29	109	29	41	42	9
Poultry and eggs (025)		3	2	11	1	7	4	1
Animal specialties (027)		21	9	55	14	67	4	8
General farms, primarily livestock (029)		3	-	19	4	6	7	-

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	193	15	15	28	6	33	42	4
	1978	228	13	10	43	6	22	61	3
	$1,000, 1982	6 979	(D)	352	64	35	640	2 554	(D)
	1978	16 351	192	274	112	17	315	2 310	(D)
Nursery and greenhouse products	farms, 1982	12	10	6	4	2	18	8	1
	1978	11	15	9	2	10	20	8	1
	$1,000, 1982	(D)	(D)	242	59	(D)	1 924	(D)	(D)
	1978	133	467	(D)	(D)	86	2 538	(D)	(D)
Other crops	farms, 1982	4	53	-	16	345	13	1	-
	1978	4	62	1	23	346	8	4	-
	$1,000, 1982	(D)	3 257	-	425	11 639	316	(D)	-
	1978	7	1 973	(D)	307	7 330	211	(D)	-
Livestock, poultry, and their products	farms, 1982	194	530	758	119	917	673	756	167
	1978	180	533	809	129	1 040	610	753	160
	$1,000, 1982	4 437	26 214	33 056	1 835	80 801	26 760	37 137	5 497
	1978	2 621	22 834	24 734	1 619	57 683	21 124	27 390	3 564
Poultry and poultry products	farms, 1982	21	42	77	17	78	75	31	14
	1978	15	48	75	23	88	49	43	9
	$1,000, 1982	(D)	1 676	1 333	130	14 333	247	(D)	3
	1978	(D)	3 384	1 329	110	7 695	482	3 942	7
Dairy products	farms, 1982	23	158	186	50	425	149	215	31
	1978	25	158	182	60	462	171	249	26
	$1,000, 1982	2 257	13 504	15 192	1 367	29 090	16 671	21 077	2 377
	1978	1 205	8 386	12 091	1 167	18 944	11 912	14 825	1 335
Cattle and calves	farms, 1982	138	379	527	98	776	486	591	151
	1978	127	395	551	114	881	433	601	145
	$1,000, 1982	1 391	7 852	8 996	(D)	30 940	4 494	6 050	2 770
	1978	943	8 698	6 069	329	27 534	4 650	5 240	1 898
Hogs and pigs	farms, 1982	55	153	245	6	150	141	192	15
	1978	36	144	304	4	189	163	197	18
	$1,000, 1982	406	3 020	6 940	4	6 167	4 369	4 490	324
	1978	(D)	2 236	4 981	5	3 115	3 302	3 184	300
Sheep, lambs, and wool	farms, 1982	7	37	93	8	20	83	42	10
	1978	4	28	74	5	13	58	39	7
	$1,000, 1982	4	37	296	3	12	342	110	11
	1978	(D)	36	121	5	16	195	119	17
Other livestock and livestock products (see text)	farms, 1982	43	41	72	4	26	97	50	15
	1978	35	39	78	8	32	79	44	8
	$1,000, 1982	(D)	124	298	(D)	258	637	(D)	11
	1978	(D)	94	144	4	378	584	80	7
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		31	794	765	5	856	416	506	40
Field crops, except cash grains (013)		35	37	44	38	93	64	56	40
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		35	37	44	38	93	64	56	40
Vegetables and melons (016)		16	18	5	6	1	29	25	3
Fruits and tree nuts (017)		198	5	6	23	7	31	30	4
Horticultural specialties (018)		9	9	3	4	2	12	7	1
General farms, primarily crop (019)		18	15	39	8	59	50	27	12
Livestock, except dairy, poultry, and animal specialties (021)		100	161	289	54	224	293	288	104
Beef cattle, except feedlots (0212)		30	45	85	36	50	83	80	71
Dairy farms (024)		22	145	138	46	316	129	184	31
Poultry and eggs (025)		3	11	10	5	33	5	7	-
Animal specialties (027)		28	12	25	2	15	60	32	6
General farms, primarily livestock (029)		2	8	30	4	49	16	25	3

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkeska	Kent	Keweenaw	Lake
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	4	11	31	66	2	235	-	-
	1978	2	7	36	85	1	259	1	4
	$1,000, 1982	(D)	84	183	1 789	(D)	17 535	-	-
	1978	(D)	140	286	1 445	(D)	14 251	(D)	(D)
Nursery and greenhouse products	farms, 1982	3	2	22	86	1	65	-	-
	1978	1	5	24	80	4	86	-	-
	$1,000, 1982	18	(D)	345	11 417	(D)	9 727	-	-
	1978	(D)	(D)	230	7 887	(D)	6 492	-	-
Other crops	farms, 1982	7	2	7	4	6	13	-	-
	1978	6	4	8	2	5	14	-	-
	$1,000, 1982	816	(D)	90	85	1 073	811	-	-
	1978	384	(D)	144	(D)	(D)	820	-	-
Livestock, poultry, and their products	farms, 1982	73	583	715	456	59	854	4	90
	1978	64	571	691	507	55	825	3	73
	$1,000, 1982	802	28 333	25 853	22 185	1 262	32 472	2	1 185
	1978	586	23 428	21 773	18 643	903	26 159	(D)	769
Poultry and poultry products	farms, 1982	10	32	83	59	9	70	1	9
	1978	3	44	65	47	12	45	1	9
	$1,000, 1982	(D)	(D)	177	1 700	1	(D)	(D)	(D)
	1978	(D)	(D)	213	1 556	11	1 562	(D)	(D)
Dairy products	farms, 1982	9	190	109	50	15	225	1	16
	1978	15	197	123	63	17	242	-	17
	$1,000, 1982	277	15 930	12 656	(D)	548	21 825	(D)	794
	1978	223	11 485	9 621	4 301	397	15 625	-	494
Cattle and calves	farms, 1982	63	492	527	276	46	673	4	78
	1978	60	458	518	340	41	650	3	61
	$1,000, 1982	375	8 236	9 574	5 444	278	6 280	2	298
	1978	265	8 399	9 471	6 845	248	6 448	3	212
Hogs and pigs	farms, 1982	7	103	208	154	11	173	-	16
	1978	1	130	206	173	12	186	-	11
	$1,000, 1982	(D)	2 634	2 764	4 978	(D)	2 853	-	24
	1978	(D)	2 091	1 873	3 775	(D)	2 142	-	20
Sheep, lambs, and wool	farms, 1982	3	16	86	40	5	49	-	5
	1978	2	14	70	37	1	28	-	4
	$1,000, 1982	(D)	12	377	93	(D)	63	-	7
	1978	(D)	11	332	85	(D)	27	-	1
Other livestock and livestock products (see text)	farms, 1982	9	48	88	83	14	121	-	11
	1978	4	50	80	69	5	95	-	7
	$1,000, 1982	(D)	(D)	305	(D)	178	(D)	-	(D)
	1978	(D)	(D)	263	2 080	120	354	-	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		1	442	533	393	7	354	-	11
Field crops, except cash grains (013)		20	88	86	47	21	110	-	15
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0138)		20	88	86	47	21	110	-	15
Vegetables and melons (016)		-	9	21	20	-	68	-	3
Fruits and tree nuts (017)		2	6	18	55	2	185	-	-
Horticultural specialties (018)		3	2	15	84	-	57	-	-
General farms, primarily crop (019)		4	25	73	36	8	69	-	10
Livestock, except dairy, poultry, and animal specialties (021)		50	235	334	204	33	381	3	59
Beef cattle, except feedlots (0212)		38	104	114	53	15	150	3	35
Dairy farms (024)		8	170	86	42	11	196	1	14
Poultry and eggs (025)		4	3	13	17	-	5	-	1
Animal specialties (027)		2	21	44	52	7	78	-	8
General farms, primarily livestock (029)		4	15	19	11	2	21	-	2

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Item		Lapeer	Leelenau	Lenewee	Livingston	Luce	Mackinec	Macomb	Manistee
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	32	263	39	34	-	-	57	95
	1978	33	277	39	32	2	-	64	112
	$1,000, 1982	948	10 709	535	505	-	-	(D)	4 953
	1978	685	18 270	498	452	(D)	-	(D)	6 675
Nursery end greenhouse products	farms, 1982	26	9	16	32	2	3	101	10
	1978	22	6	17	34	2	1	106	11
	$1,000, 1982	3 205	(D)	246	528	(D)	(D)	11 139	305
	1978	4 206	14	217	800	(D)	(D)	8 892	407
Other crops	farms, 1982	16	5	11	2	1	2	10	10
	1978	13	6	30	1	2	1	11	7
	$1,000, 1982	653	(D)	688	(D)	(D)	(D)	(D)	1 363
	1978	513	98	1 354	(D)	(D)	(D)	(D)	518
Livestock, poultry, and their products	farms, 1982	826	143	667	531	19	75	305	146
	1978	812	139	746	478	19	68	331	160
	$1,000, 1982	27 015	4 311	31 544	19 631	487	2 743	9 374	1 001
	1978	21 476	3 761	27 856	13 745	500	(D)	7 029	802
Poultry and poultry products	farms, 1982	86	19	71	60	5	10	47	20
	1978	69	20	78	51	2	8	60	19
	$1,000, 1982	95	(D)	790	89	55	5	604	4
	1978	138	(D)	701	89	(D)	(D)	333	7
Dairy products	farms, 1982	218	25	106	104	-	31	70	9
	1978	235	31	128	122	-	31	81	13
	$1,000, 1982	15 478	1 458	13 333	11 465	-	2 188	4 643	308
	1978	11 880	1 040	9 678	7 936	-	1 447	3 457	165
Cattle and calves	farms, 1982	629	104	386	366	16	67	215	117
	1978	633	106	454	363	17	59	248	123
	$1,000, 1982	8 648	2 359	9 319	6 230	409	503	3 155	534
	1978	7 754	2 254	10 492	4 379	(D)	399	2 572	455
Hogs and pigs	farms, 1982	157	27	243	111	3	7	56	30
	1978	172	23	293	101	5	9	61	29
	$1,000, 1982	2 080	131	6 903	960	(D)	10	553	73
	1978	1 065	210	6 517	905	(D)	14	484	92
Sheep, lambs, and wool	farms, 1982	69	6	101	81	-	4	32	5
	1978	49	3	82	57	-	3	29	8
	$1,000, 1982	88	5	241	119	-	1	32	10
	1978	54	1	221	127	-	2	19	12
Other livestock and livestock products (see text)	farms, 1982	129	28	72	111	1	8	38	21
	1978	117	27	61	80	2	5	42	18
	$1,000, 1982	626	(D)	957	767	(D)	37	387	71
	1978	585	(D)	247	309	(D)	14	164	72
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		402	13	1 060	213	2	3	292	21
Field crops, except cash grains (013)		134	21	32	97	8	15	44	43
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		134	21	32	97	8	15	44	43
Vegetables and melons (016)		40	8	31	28	1	2	114	13
Fruits and tree nuts (017)		31	252	23	23	-	-	39	90
Horticultural specialties (018)		22	8	14	28	1	2	81	8
General farms, primarily crop (019)		63	13	32	52	1	4	27	16
Livestock, except dairy, poultry, and animal specialties (021)		344	71	258	237	16	34	102	88
Beef cattle, except feedlots (0212)		134	34	44	83	14	28	33	48
Dairy farms (024)		186	21	94	95	-	30	62	8
Poultry and eggs (025)		17	6	10	9	1	1	9	2
Animal specialties (027)		97	13	49	89	-	3	40	12
General farms, primarily livestock (029)		25	3	16	13	-	2	9	3

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse products—Con.								
Fruits, nuts, and berries—farms, 1982	2	72	14	2	11	5	48	27
1978	4	88	12	3	15	3	47	26
$1,000, 1982	(D)	3 600	(D)	(D)	38	18	408	875
1978	(D)	4 139	(D)	(D)	30	(D)	418	(D)
Nursery and greenhouse products—farms, 1982	4	19	2	2	5	3	58	6
1978	2	17	1	1	8	4	63	5
$1,000, 1982	26	(D)	(D)	(D)	103	(D)	5 131	(D)
1978	(D)	(D)	(D)	(D)	48	(D)	3 995	(D)
Other crops—farms, 1982	12	4	8	7	19	4	15	59
1978	18	1	11	4	33	6	28	60
$1,000, 1982	273	(D)	2 079	12	1 118	(D)	4 019	15 494
1978	366	(D)	1 655	17	1 480	161	2 893	9 101
Livestock, poultry, and their products—farms, 1982	81	260	461	376	203	281	417	612
1978	71	234	415	383	206	265	450	589
$1,000, 1982	1 023	9 736	15 533	16 350	6 631	21 620	14 136	20 378
1978	996	6 023	8 017	11 549	4 577	13 073	8 845	13 580
Poultry and poultry products—farms, 1982	21	25	40	21	27	11	96	55
1978	15	23	32	21	24	11	92	51
$1,000, 1982	3	124	31	(D)	5	(D)	1 624	486
1978	5	263	(D)	(D)	11	(D)	1 179	(D)
Dairy products—farms, 1982	16	84	145	186	15	172	31	216
1978	22	84	129	207	25	157	38	215
$1,000, 1982	775	6 499	9 162	12 616	1 003	17 778	1 984	14 979
1978	761	3 273	5 520	8 438	895	9 916	1 255	9 421
Cattle and calves—farms, 1982	59	212	389	331	134	252	224	492
1978	57	187	349	346	147	237	209	474
$1,000, 1982	204	2 452	5 398	1 962	4 769	2 997	6 762	3 042
1978	177	2 253	1 465	1 810	2 983	2 202	4 153	2 240
Hogs and pigs—ferms, 1982	10	45	84	36	61	22	144	130
1978	10	33	77	37	74	29	188	150
$1,000, 1982	(D)	467	764	187	730	635	3 408	1 645
1978	23	147	383	122	(D)	346	1 994	855
Sheep, lambs, and wool—farms, 1982	2	10	17	6	5	14	36	22
1978	-	10	5	8	8	15	36	23
$1,000, 1982	(D)	48	16	2	5	26	39	40
1978	-	29	8	3	(D)	32	30	37
Other livestock and livestock products (see text)—farms, 1982	15	33	38	29	39	13	79	50
1978	12	31	37	25	23	18	70	50
$1,000, 1982	13	146	161	(D)	120	(D)	319	186
1978	31	58	(D)	(D)	91	(D)	234	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	1	77	121	23	283	10	996	455
Field crops, except cash grains (013)	19	29	121	45	23	57	29	150
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	19	29	121	45	23	57	29	150
Vegetables and melons (016)	3	50	15	2	5	2	79	12
Fruits and tree nuts (017)	3	65	9	4	7	2	30	21
Horticultural specialties (018)	4	18	2	2	5	2	40	5
General farms, primarily crop (019)	10	32	44	18	18	13	25	42
Livestock, except dairy, poultry, and animal specialties (021)	48	108	207	154	117	80	151	208
Beef cattle, except feedlots (0212)	29	54	113	99	53	51	31	80
Dairy farms (024)	14	80	132	177	11	166	19	180
Poultry and eggs (025)	5	4	8	4	2	1	20	15
Animal specialties (027)	11	23	18	21	30	9	58	27
General farms, primarily livestock (029)	7	6	7	8	1	1	11	17

Table 3. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorancy	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	2	64	38	56	226	5	3	4
	1978	-	76	37	54	269	6	4	4
	$1,000, 1982	(D)	7 294	2 204	886	9 466	33	(D)	(D)
	1978	-	4 520	1 709	743	11 340	79	(D)	(D)
Nursery and greenhouse products	farms, 1982	3	23	12	75	16	2	1	4
	1978	1	23	6	78	17	3	-	4
	$1,000, 1982	8	(D)	(D)	9 585	670	(D)	(D)	56
	1978	(D)	(D)	158	9 448	613	(D)	-	70
Other crops	farms, 1982	1	3	12	5	8	1	3	3
	1978	-	4	11	5	7	2	1	7
	$1,000, 1982	(D)	(D)	(D)	6	13	(D)	(D)	(D)
	1978	-	(D)	435	13	55	(D)	(D)	145
Livestock, poultry, and their products	farms, 1982	78	294	484	358	329	230	105	422
	1978	71	290	489	322	321	219	112	398
	$1,000, 1982	2 379	10 969	19 103	3 708	9 823	8 211	1 534	16 233
	1978	1 589	7 912	13 038	4 311	5 680	5 899	1 393	10 405
Poultry and poultry products	farms, 1982	8	32	45	55	41	8	11	22
	1978	4	33	46	53	29	17	11	29
	$1,000, 1982	4	21	2 028	32	568	3	3	(D)
	1978	2	(D)	1 646	237	290	6	(D)	(D)
Dairy products	farms, 1982	25	82	154	23	68	76	27	150
	1978	23	83	170	35	70	78	35	150
	$1,000, 1982	(D)	7 638	12 847	1 499	4 781	6 154	974	12 764
	1978	1 195	4 550	8 616	1 507	2 567	4 232	696	8 062
Cattle and calves	farms, 1982	66	224	393	183	262	205	92	377
	1978	65	219	389	148	248	204	100	354
	$1,000, 1982	308	2 603	2 792	991	3 369	1 837	515	2 458
	1978	360	(D)	1 820	1 145	2 258	1 519	512	1 685
Hogs and pigs	farms, 1982	7	69	91	44	69	30	5	47
	1978	8	72	116	49	86	25	7	54
	$1,000, 1982	34	(D)	1 185	268	979	123	6	563
	1978	6	396	(D)	336	459	51	(D)	382
Sheep, lambs, and wool	farms, 1982	5	7	21	48	15	16	11	15
	1978	7	3	14	35	11	14	2	14
	$1,000, 1982	9	(D)	53	86	15	14	20	41
	1978	18	(D)	(D)	33	6	35	(D)	30
Other livestock and livestock products (see text)	farms, 1982	8	37	46	141	30	14	8	38
	1978	5	32	48	153	38	14	13	32
	$1,000, 1982	(D)	93	198	832	111	80	17	(D)
	1978	7	(D)	108	1 053	100	55	(D)	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		18	56	156	66	63	25	5	24
Field crops, except cash grains (013)		9	44	116	86	39	37	30	100
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		9	44	116	86	39	37	30	100
Vegetables and melons (016)		-	32	41	31	207	3	3	1
Fruits and tree nuts (017)		1	53	31	48	150	7	2	2
Horticultural specialties (018)		3	17	8	73	5	2	1	3
General farms, primarily crop (019)		6	22	48	41	36	18	10	32
Livestock, except dairy, poultry, and animal specialties (021)		37	142	199	149	149	121	65	217
Beef cattle, except feedlots (0212)		29	45	84	47	55	68	51	144
Dairy farms (024)		24	76	149	22	57	72	24	145
Poultry and eggs (025)		2	2	12	13	4	2	-	6
Animal specialties (027)		5	32	20	148	17	11	5	14
General farms, primarily livestock (029)		1	5	4	11	8	10	-	5

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	2	2	221	1	2	44	20	13
	1978	1	3	238	3	2	43	31	15
	$1,000, 1982	(D)	(D)	13 621	(D)	(D)	333	302	149
	1978	(D)	(D)	8 322	(D)	(D)	299	353	128
Nursery and greenhouse products	farms, 1982	1	2	117	2	2	28	31	11
	1978	3	1	115	1	1	24	31	12
	$1,000, 1982	(D)	(D)	26 622	(D)	(D)	1 060	1 680	773
	1978	(D)	(D)	16 319	(D)	(D)	946	1 091	549
Other crops	farms, 1982	-	11	18	42	-	186	20	12
	1978	-	9	19	39	-	214	18	7
	$1,000, 1982	-	476	466	3 317	-	7 267	460	31
	1978	-	310	331	1 234	-	5 891	279	(D)
Livestock, poultry, and their products	farms, 1982	69	95	959	224	25	501	669	580
	1978	58	89	937	246	20	550	667	636
	$1,000, 1982	2 081	1 864	80 837	4 790	84	12 404	17 464	19 086
	1978	1 553	1 138	51 241	3 693	66	11 149	16 477	16 318
Poultry and poultry products	farms, 1982	12	10	114	25	4	83	82	59
	1978	10	3	110	27	2	105	75	71
	$1,000, 1982	5	3	28 492	9	(D)	443	(D)	1 312
	1978	(D)	1	19 648	11	(D)	377	(D)	1 329
Dairy products	farms, 1982	32	29	266	50	1	101	135	113
	1978	29	21	278	64	-	134	179	144
	$1,000, 1982	1 538	(D)	24 738	3 312	(D)	7 004	7 684	6 378
	1978	1 003	510	16 585	2 096	-	5 825	7 019	5 204
Cattle and calves	farms, 1982	55	82	720	210	17	343	503	345
	1978	49	84	718	237	16	393	510	386
	$1,000, 1982	486	799	12 987	1 299	47	3 150	5 411	3 104
	1978	446	601	7 394	1 488	(D)	3 387	6 295	4 142
Hogs and pigs	farms, 1982	7	9	233	27	5	116	123	286
	1978	10	5	265	26	3	150	116	338
	$1,000, 1982	15	40	14 267	(D)	(D)	1 202	774	8 038
	1978	(D)	(D)	7 377	(D)	(D)	1 279	549	5 370
Sheep, lambs, and wool	farms, 1982	10	4	45	2	1	21	54	53
	1978	4	2	30	2	-	25	35	58
	$1,000, 1982	21	3	49	(D)	(D)	77	41	93
	1978	(D)	(D)	25	(D)	-	25	23	158
Other livestock and livestock products (see text)	farms, 1982	10	4	86	8	11	79	104	71
	1978	12	4	77	6	6	46	86	66
	$1,000, 1982	16	(D)	304	39	23	528	(D)	159
	1978	(D)	2	213	21	(D)	257	(D)	115
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		2	8	240	63	1	1 238	543	551
Field crops, except cash grains (013)		11	38	85	56	4	40	110	43
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0138)		11	38	85	56	4	40	110	43
Vegetables and melons (016)		-	-	107	-	-	35	44	12
Fruits and tree nuts (017)		-	-	188	-	2	31	22	5
Horticultural specialties (018)		1	2	94	-	2	21	27	8
General farms, primarily crop (019)		6	9	45	18	4	34	58	30
Livestock, except dairy, poultry, and animal specialties (021)		27	53	446	129	16	132	280	263
Beef cattle, except feedlots (0212)		13	37	117	91	10	40	122	39
Dairy farms (024)		32	27	244	46	-	82	118	74
Poultry and eggs (025)		2	1	51	2	1	12	10	13
Animal specialties (027)		5	3	57	9	6	62	75	26
General farms, primarily livestock (029)		-	1	16	12	1	15	15	8

Table 3. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse products—Con.									
Fruits, nuts, and berries	farms, 1982	33	4	23	16	562	42	39	6
	1978	25	1	17	11	646	50	39	3
	$1,000, 1982	374	16	88	551	25 326	(D)	(D)	23
	1978	205	(D)	89	294	19 719	(D)	(D)	(D)
Nursery and greenhouse products	farms, 1982	16	-	14	4	34	42	94	4
	1978	20	-	16	5	42	37	111	4
	$1,000, 1982	1 133	-	281	30	8 437	3 054	7 821	(D)
	1978	1 179	-	351	32	5 642	2 506	7 139	93
Other crops	farms, 1982	106	5	22	301	14	7	5	1
	1978	101	8	16	323	16	8	3	1
	$1,000, 1982	5 396	(D)	540	13 613	88	(D)	(D)	(D)
	1978	3 001	(D)	494	9 313	69	(D)	(D)	(D)
Livestock, poultry, and their products	farms, 1982	1 050	37	609	637	535	766	118	135
	1978	1 090	40	603	637	583	786	119	119
	$1,000, 1982	59 753	467	19 588	25 146	16 476	25 676	526	3 376
	1978	45 778	468	19 798	19 204	12 658	20 592	1 006	2 468
Poultry and poultry products	farms, 1982	51	4	56	64	68	121	25	9
	1978	59	1	53	77	74	113	26	7
	$1,000, 1982	181	(D)	254	5 931	1 851	350	68	1
	1978	292	(D)	701	3 818	1 456	667	340	(D)
Dairy products	farms, 1982	544	3	155	147	60	123	2	35
	1978	596	5	189	164	79	149	1	37
	$1,000, 1982	47 630	(D)	13 019	11 913	3 236	12 678	(D)	2 066
	1978	35 348	(D)	13 272	8 518	3 042	9 899	(D)	1 508
Cattle and calves	farms, 1982	912	30	448	498	310	467	42	106
	1978	972	36	439	491	329	500	34	93
	$1,000, 1982	10 172	369	3 920	3 865	2 504	7 080	99	611
	1978	8 641	306	3 940	4 167	3 835	6 323	144	358
Hogs and pigs	farms, 1982	154	9	135	135	237	180	24	22
	1978	158	5	143	155	255	234	32	15
	$1,000, 1982	1 556	13	1 728	3 272	8 714	3 646	76	498
	1978	1 356	7	1 207	2 525	4 158	2 087	170	(D)
Sheep, lambs, and wool	farms, 1982	29	-	55	35	31	206	15	4
	1978	20	-	43	26	22	210	11	2
	$1,000, 1982	47	-	81	33	32	929	5	4
	1978	18	-	65	32	21	1 102	10	(D)
Other livestock and livestock products (see text)	farms, 1982	62	4	67	58	72	139	48	19
	1978	59	4	68	41	77	125	52	14
	$1,000, 1982	167	(D)	585	132	139	992	(D)	196
	1978	123	5	612	144	137	512	(D)	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		781	4	855	858	327	579	170	17
Field crops, except cash grains (013)		122	13	72	116	73	72	14	53
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		122	13	72	116	73	72	14	53
Vegetables and melons (016)		7	1	5	12	150	36	43	7
Fruits and tree nuts (017)		25	4	15	16	476	28	23	5
Horticultural specialties (018)		15	-	11	3	22	31	75	4
General farms, primarily crop (019)		59	5	38	44	59	52	15	19
Livestock, except dairy, poultry, and animal specialties (021)		279	25	197	243	251	302	41	73
Beef cattle, except feedlots (0212)		114	18	56	85	61	71	17	46
Dairy farms (024)		504	2	134	124	50	106	2	31
Poultry and eggs (025)		8	1	8	18	16	17	3	-
Animal specialties (027)		29	1	35	34	32	108	50	16
General farms, primarily livestock (029)		17	-	16	15	8	16	3	4

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
LAND IN FARMS							
Farms—number, 1982	58 661	295	76	1 831	442	278	377
1978	60 426	287	94	1 923	450	268	430
acres, 1982	10 942 172	53 183	17 700	266 977	80 773	63 157	90 497
1978	11 038 419	55 630	21 971	261 199	79 758	63 734	97 685
1982 land in farms:							
1 to 9 acres—farms	2 714	4	1	122	2	14	6
acres	11 720	18	(D)	527	(D)	47	24
10 to 49 acres—farms	14 300	43	10	522	68	36	61
acres	406 101	1 577	355	15 071	2 153	1 143	1 940
50 to 69 acres—farms	4 388	18	1	172	26	23	22
acres	256 149	1 065	(D)	10 143	1 590	1 321	1 276
70 to 99 acres—farms	7 712	58	12	262	65	38	45
acres	629 467	4 718	941	21 530	5 331	3 083	3 489
100 to 139 acres—farms	6 398	36	11	199	72	37	49
acres	747 096	4 305	1 291	23 023	8 412	4 266	5 888
140 to 179 acres—farms	4 838	33	8	137	58	34	36
acres	762 308	5 075	1 255	21 503	9 291	5 437	5 629
180 to 219 acres—farms	3 508	27	6	82	31	23	23
acres	692 065	5 416	1 146	16 403	6 094	4 656	4 500
220 to 259 acres—farms	2 671	19	5	57	25	13	26
acres	633 813	4 536	1 191	13 604	5 896	3 076	6 272
260 to 499 acres—ferms	7 360	41	10	185	61	30	70
acres	2 605 043	13 758	3 689	65 164	20 103	11 434	24 429
500 to 999 acres—farms	3 672	12	11	75	32	19	23
acres	2 466 606	8 061	6 761	50 024	19 161	11 429	15 236
1,000 to 1,999 acres—farms	924	4	1	15	2	11	14
acres	1 196 276	4 654	(D)	20 263	(D)	(D)	(D)
2,000 acres or more—farms	176	-	-	3	-	1	2
acres	535 528	-	-	9 722	-	(D)	(D)
1978 land in farms:							
1 to 9 acres—farms	1 972	1	1	71	4	6	3
acres	8 121	(D)	(D)	320	13	15	10
10 to 49 acres—farms	12 627	37	7	519	55	35	46
acres	382 455	(D)	(D)	16 016	1 852	1 051	1 636
50 to 69 acres—farms	4 653	12	1	205	27	14	18
acres	272 197	697	(D)	11 966	1 650	820	1 030
70 to 99 acres—farms	8 917	55	11	317	82	43	80
acres	727 202	4 421	(D)	25 772	6 632	3 527	6 543
100 to 139 acres—farms	7 351	40	12	230	72	34	56
acres	856 492	4 820	1 488	26 581	8 374	3 928	6 645
140 to 179 acres—ferms	5 558	32	14	156	52	26	39
acres	874 775	4 974	2 180	24 418	8 082	4 102	6 040
180 to 219 acres—farms	3 821	17	7	85	36	23	38
acres	753 306	3 369	1 407	16 752	7 118	4 571	7 656
220 to 259 acres—farms	3 007	20	12	64	29	16	27
acres	713 811	4 811	2 887	15 272	6 883	3 762	6 470
260 to 499 acres—ferms	8 207	53	21	205	72	37	84
acres	2 884 146	18 074	7 317	70 038	24 844	13 064	29 674
500 to 999 acres—farms	3 451	18	7	58	18	24	30
acres	2 276 721	(D)	(D)	37 349	10 718	15 419	18 105
1,000 to 1,999 acres—farms	747	2	1	12	3	9	8
acres	949 779	(D)	(D)	(D)	3 592	(D)	(D)
2,000 acres or more—farms	115	-	-	1	-	1	1
acres	339 414	-	-	(D)	-	(D)	(D)
HARVESTED CROPLAND							
Farms with harvested cropland—number, 1982	53 738	268	73	1 637	418	241	354
1978	57 294	272	86	1 782	425	246	418
acres harvested, 1982	7 255 909	19 700	6 469	185 981	34 934	28 831	58 698
1978	6 774 229	18 577	8 113	161 725	33 241	25 470	59 491
1982 land in farms:							
1 to 9 acres—farms	1 372	2	1	58	2	5	5
acres harvested	4 452	(D)	(D)	147	(D)	15	13
10 to 49 acres—farms	12 022	41	9	428	60	30	54
acres harvested	201 906	(D)	88	6 683	866	501	982
50 to 69 acres—farms	4 050	15	1	156	25	19	20
acres harvested	133 341	450	(D)	5 026	611	471	647
70 to 99 acres—farms	7 341	53	11	253	63	32	37
acres harvested	340 989	1 424	251	11 304	2 107	968	1 588
100 to 139 acres—farms	6 171	33	10	194	66	35	47
acres harvested	424 929	1 214	475	13 351	3 057	1 467	3 155
140 to 179 acres—farms	4 710	26	8	133	58	27	35
acres harvested	437 686	1 208	493	13 338	4 459	1 457	3 289
180 to 219 acres—farms	3 431	25	6	81	27	22	22
acres harvested	420 054	2 105	497	10 651	1 740	1 895	2 477
220 to 259 acres—farms	2 623	18	5	57	25	12	25
acres harvested	399 227	1 676	416	9 787	2 188	1 411	4 183
260 to 499 acres—farms	7 283	39	10	184	61	28	70
acres harvested	1 760 011	4 828	1 210	49 617	8 689	4 837	17 345
500 to 999 acres—farms	3 641	12	11	75	29	19	23
acres harvested	1 821 398	3 639	2 820	40 102	8 915	5 843	10 425
1,000 to 1,999 acres—farms	919	4	1	15	2	11	14
acres harvested	913 808	2 509	(D)	16 519	(D)	(D)	(D)
2,000 acres or more—farms	175	-	-	3	-	1	2
acres harvested	398 108	-	-	9 456	-	(D)	(D)

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
LAND IN FARMS							
Farms—number, 1982	74	1 061	1 072	184	1 777	1 170	1 281
1978	93	1 033	1 168	176	1 926	1 196	1 307
acres, 1982	16 827	188 096	180 152	26 120	189 912	243 076	266 680
1978	19 562	180 832	183 759	26 802	197 025	242 233	256 095
1982 land in farms:							
1 to 9 acres—farms	-	29	57	7	143	42	41
acres	-	101	233	36	710	149	161
10 to 49 acres—farms	5	235	254	51	793	235	276
acres	180	7 125	7 327	1 304	20 899	7 403	8 119
50 to 69 acres—farms	4	96	85	22	171	83	100
acres	220	5 553	5 102	1 257	9 945	4 731	5 845
70 to 99 acres—farms	17	149	163	31	183	170	162
acres	1 389	12 192	13 314	2 546	15 052	13 986	13 331
100 to 139 acres—farms	9	139	132	16	129	134	138
acres	1 064	16 057	15 341	1 865	14 920	15 759	16 269
140 to 179 acres—farms	12	105	94	11	90	121	126
acres	1 897	16 480	14 758	1 723	14 302	19 064	19 856
180 to 219 acres—farms	4	55	53	13	51	64	78
acres	782	11 014	10 413	2 541	10 051	12 577	15 430
220 to 259 acres—farms	3	51	45	7	47	47	63
acres	732	12 044	10 545	1 690	11 268	11 126	14 808
260 to 499 acres—farms	11	119	114	16	105	152	178
acres	4 071	42 853	40 492	5 917	37 197	54 785	64 539
500 to 999 acres—farms	8	72	58	9	49	97	92
acres	(D)	48 330	39 338	(D)	32 867	66 298	62 808
1,000 to 1,999 acres—farms	1	9	16	1	16	21	22
acres	(D)	(D)	(D)	(D)	22 701	27 903	26 678
2,000 acres or more—farms	-	2	1	-	-	4	5
acres	-	(D)	(D)	-	-	9 295	18 836
1978 land in farms:							
1 to 9 acres—farms	-	18	38	3	118	33	35
acres	-	86	173	12	593	105	105
10 to 49 acres—farms	13	168	271	46	848	209	190
acres	485	5 550	8 367	1 218	22 786	6 795	6 074
50 to 69 acres—farms	3	86	112	19	181	82	110
acres	185	5 030	6 571	1 084	10 561	4 779	6 387
70 to 99 acres—farms	18	176	203	28	227	197	240
acres	1 463	14 376	16 618	2 311	18 419	16 077	19 710
100 to 139 acres—farms	13	142	139	21	145	152	174
acres	1 468	16 148	16 197	2 433	16 736	17 731	20 198
140 to 179 acres—farms	17	134	105	14	119	117	143
acres	2 722	20 891	16 640	2 183	18 514	18 803	22 642
180 to 219 acres—farms	8	66	63	14	61	64	76
acres	(D)	12 930	12 422	2 764	11 897	12 703	14 969
220 to 259 acres—farms	2	51	47	4	51	57	63
acres	(D)	12 060	11 105	970	12 127	13 563	14 913
260 to 499 acres—farms	9	122	122	16	115	173	163
acres	3 486	43 102	42 645	5 638	39 180	61 173	58 407
500 to 999 acres—farms	9	63	57	10	48	87	92
acres	(D)	41 276	37 240	(D)	29 951	56 719	62 271
1,000 to 1,999 acres—farms	1	6	10	1	13	20	18
acres	(D)	(D)	(D)	(D)	16 261	23 066	22 449
2,000 acres or more—farms	-	1	1	-	-	5	3
acres	-	(D)	(D)	-	-	10 719	7 970
HARVESTED CROPLAND							
Farms with harvested cropland—number, 1982	73	955	1 020	172	1 682	1 090	1 175
1978	80	975	1 144	164	1 860	1 136	1 237
acres harvested, 1982	4 807	110 001	151 933	8 290	130 186	167 060	177 204
1978	4 821	97 763	148 160	7 874	122 756	156 136	151 254
1982 land in farms:							
1 to 9 acres—farms	-	8	37	6	108	16	11
acres harvested	-	29	152	19	394	73	46
10 to 49 acres—farms	4	189	232	43	742	198	227
acres harvested	35	3 278	5 277	450	10 051	3 858	3 924
50 to 69 acres—farms	4	82	83	19	167	80	91
acres harvested	112	2 287	3 680	456	5 656	2 682	2 994
70 to 99 acres—farms	17	138	160	31	181	161	155
acres harvested	339	5 719	10 459	771	9 250	8 223	6 460
100 to 139 acres—farms	9	132	130	16	128	131	135
acres harvested	231	7 100	12 254	423	9 660	9 744	8 402
140 to 179 acres—farms	12	102	92	11	90	120	124
acres harvested	510	7 759	11 508	556	9 257	11 580	10 894
180 to 219 acres—farms	4	54	53	13	49	64	76
acres harvested	258	5 449	8 945	1 010	6 525	7 549	8 826
220 to 259 acres—farms	3	51	44	7	47	46	60
acres harvested	128	7 517	8 888	497	7 615	7 512	8 347
260 to 499 acres—farms	11	117	114	16	105	152	177
acres harvested	1 379	25 168	36 114	1 822	27 423	38 412	41 700
500 to 999 acres—farms	8	72	58	9	49	97	92
acres harvested	(D)	35 938	34 799	(D)	25 341	49 165	47 966
1,000 to 1,999 acres—farms	1	8	16	1	16	21	22
acres harvested	(D)	(D)	(D)	(D)	19 014	20 952	21 726
2,000 acres or more—farms	-	2	1	-	-	4	5
acres harvested	-	(D)	(D)	-	-	7 310	15 919

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

(For meaning of abbreviations and symbols, see introductory text)

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
LAND IN FARMS							
Farms—number, 1982	1 022	256	197	378	317	1 518	18
1978	1 066	247	221	369	313	1 517	16
acres, 1982	198 663	47 049	46 088	99 182	76 351	266 736	1 604
1978	199 277	47 664	50 395	99 716	71 709	260 251	2 090
1982 land in farms:							
1 to 9 acres—farms	48	7	3	2	11	53	1
acres	224	29	10	(D)	26	234	(D)
10 to 49 acres—farms	254	51	30	31	48	330	7
acres	6 934	1 617	996	(D)	1 502	9 530	203
50 to 69 acres—farms	88	19	9	10	17	108	2
acres	5 103	1 112	512	606	1 009	6 314	(D)
70 to 99 acres—farms	122	39	30	53	44	240	2
acres	10 095	3 219	2 394	4 314	3 628	19 501	(D)
100 to 139 acres—farms	91	34	17	42	33	179	1
acres	10 670	4 013	2 067	4 757	3 829	20 729	(D)
140 to 179 acres—farms	76	17	20	48	40	157	2
acres	12 124	2 657	3 136	7 651	6 323	25 044	(D)
180 to 219 acres—farms	64	13	16	29	13	99	2
acres	12 698	2 541	3 148	5 709	2 505	19 228	(D)
220 to 259 acres—farms	53	16	14	18	28	66	-
acres	12 647	3 756	3 321	4 278	6 638	15 595	-
260 to 499 acres—farms	129	45	36	94	44	191	1
acres	44 606	15 686	13 431	33 649	16 313	68 585	(D)
500 to 999 acres—farms	78	11	18	46	32	74	-
acres	50 692	7 891	12 156	30 944	21 103	48 607	-
1,000 to 1,999 acres—farms	17	4	4	5	4	16	-
acres	(D)	4 528	4 917	6 248	5 070	20 499	-
2,000 acres or more—farms	2	-	-	-	3	5	-
acres	(D)	-	-	-	8 405	12 870	-
1978 land in farms:							
1 to 9 acres—farms	34	6	3	-	12	36	2
acres	147	17	11	-	28	156	(D)
10 to 49 acres—farms	254	28	31	16	34	292	3
acres	7 462	983	1 056	519	1 140	9 155	(D)
50 to 69 acres—farms	73	9	16	10	10	101	-
acres	4 280	511	932	576	583	5 902	-
70 to 99 acres—farms	145	46	27	47	50	249	3
acres	11 958	3 707	2 155	3 736	4 050	20 303	249
100 to 139 acres—farms	129	39	20	39	43	203	1
acres	15 072	4 566	2 399	4 439	4 868	23 580	(D)
140 to 179 acres—farms	83	28	26	40	32	166	2
acres	13 067	4 304	4 124	6 254	5 049	26 073	(D)
180 to 219 acres—farms	59	17	16	39	24	114	1
acres	11 472	3 428	3 152	7 605	4 721	22 370	(D)
220 to 259 acres—farms	53	14	19	30	29	70	2
acres	12 551	3 285	4 431	7 169	6 795	16 433	(D)
260 to 499 acres—farms	150	47	40	100	50	201	2
acres	51 330	16 026	14 488	35 531	18 337	70 952	(D)
500 to 999 acres—farms	70	10	18	45	21	71	-
acres	49 178	6 770	11 157	30 198	13 737	46 501	-
1,000 to 1,999 acres—farms	15	3	4	3	7	13	-
acres	(D)	4 067	(D)	3 689	(D)	(D)	-
2,000 acres or more—farms	1	-	1	-	1	1	-
acres	(D)	-	(D)	-	(D)	(D)	-
HARVESTED CROPLAND							
Farms with harvested cropland—number, 1982	913	228	176	352	275	1 425	16
1978	995	231	207	351	284	1 473	14
acres harvested, 1982	129 918	19 171	18 208	45 462	33 519	200 167	(D)
1978	117 695	19 545	16 983	46 046	26 950	179 548	315
1982 land in farms:							
1 to 9 acres—farms	19	4	1	1	4	23	-
acres harvested	53	11	(D)	(D)	12	97	-
10 to 49 acres—farms	199	40	23	24	35	281	7
acres harvested	3 283	525	(D)	(D)	622	5 410	60
50 to 69 acres—farms	81	15	6	10	15	105	2
acres harvested	2 765	396	129	279	354	3 892	(D)
70 to 99 acres—farms	114	33	26	47	37	232	2
acres harvested	4 777	1 006	658	1 658	1 193	12 459	(D)
100 to 139 acres—farms	87	32	15	40	32	177	1
acres harvested	5 740	1 073	687	2 153	1 649	14 045	(D)
140 to 179 acres—farms	75	16	19	41	36	156	1
acres harvested	7 133	583	1 065	2 411	2 525	17 251	(D)
180 to 219 acres—farms	63	13	15	28	12	99	2
acres harvested	7 229	821	932	2 274	807	13 633	(D)
220 to 259 acres—farms	50	15	14	18	26	66	-
acres harvested	7 491	1 377	920	1 514	2 447	11 079	-
260 to 499 acres—farms	129	45	35	92	42	191	1
acres harvested	30 917	7 046	4 706	15 911	7 419	54 178	(D)
500 to 999 acres—farms	78	11	18	46	29	74	-
acres harvested	37 788	3 610	5 416	15 937	10 226	39 256	-
1,000 to 1,999 acres—farms	16	4	4	5	4	16	-
acres harvested	(D)	2 723	1 370	2 944	2 285	17 537	-
2,000 acres or more—farms	2	-	-	-	3	5	-
acres harvested	(D)	-	-	-	3 980	11 330	-

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
LAND IN FARMS							
Farms—number, 1982	315	123	1 372	253	990	433	82
1978	332	116	1 398	230	990	419	72
acres, 1982	81 335	32 576	244 551	47 865	160 825	74 013	10 889
1978	92 203	33 390	239 006	47 685	156 560	74 712	10 557
1982 land in farms:							
1 to 9 acres—farms	4	7	60	10	55	10	1
acres	16	25	254	36	228	14	(D)
10 to 49 acres—farms	30	16	355	43	335	73	16
acres	991	544	10 394	1 277	9 113	2 388	(D)
50 to 69 acres—farms	10	5	110	16	90	29	11
acres	549	288	6 435	934	5 218	1 654	665
70 to 99 acres—farms	37	9	197	32	117	63	15
acres	3 041	729	16 025	2 639	9 606	5 056	1 220
100 to 139 acres—farms	43	7	141	34	107	62	12
acres	5 032	852	16 794	3 927	12 483	7 369	1 356
140 to 179 acres—farms	29	8	99	33	57	66	7
acres	4 640	1 285	15 394	5 182	8 955	10 286	1 112
180 to 219 acres—farms	44	12	91	13	44	25	10
acres	8 703	2 410	17 974	2 559	8 738	4 921	2 035
220 to 259 acres—farms	21	9	49	18	32	19	4
acres	4 941	2 077	11 641	4 307	7 708	4 522	974
260 to 499 acres—farms	58	34	154	42	96	60	5
acres	20 881	12 475	53 393	15 204	33 583	20 052	(D)
500 to 999 acres—farms	32	14	89	9	33	23	-
acres	21 536	(D)	58 463	6 275	22 069	14 537	-
1,000 to 1,999 acres—farms	6	2	25	2	17	3	1
acres	(D)	(D)	(D)	(D)	22 158	3 214	(D)
2,000 acres or more—farms	1	-	2	1	7	-	-
acres	(D)	-	(D)	(D)	20 966	-	-
1978 land in farms:							
1 to 9 acres—farms	7	4	23	9	41	4	-
acres	20	14	103	43	162	9	-
10 to 49 acres—farms	25	10	299	30	280	54	13
acres	930	378	9 240	872	8 434	1 871	408
50 to 69 acres—farms	17	3	153	10	101	18	8
acres	972	178	8 943	591	5 894	1 037	(D)
70 to 99 acres—farms	26	8	226	30	148	73	10
acres	2 124	671	18 662	2 456	12 165	6 009	840
100 to 139 acres—farms	34	13	160	31	116	74	12
acres	4 056	1 502	18 832	3 644	13 365	8 660	1 367
140 to 179 acres—farms	44	6	102	32	67	67	10
acres	6 885	982	15 910	5 053	10 548	10 568	1 562
180 to 219 acres—farms	36	12	87	15	41	33	8
acres	7 079	2 373	17 376	2 915	8 136	6 417	(D)
220 to 259 acres—farms	30	11	72	10	30	10	2
acres	7 107	2 621	17 363	2 413	7 202	2 372	(D)
260 to 499 acres—farms	65	33	177	51	109	65	8
acres	23 092	11 486	59 966	18 537	37 508	22 447	2 506
500 to 999 acres—farms	39	12	86	9	38	19	-
acres	27 042	7 862	56 213	6 286	24 989	(D)	-
1,000 to 1,999 acres—farms	8	4	12	2	15	2	1
acres	(D)	5 323	(D)	(D)	18 600	(D)	(D)
2,000 acres or more—farms	1	-	1	1	4	-	-
acres	(D)	-	(D)	(D)	9 557	-	-
HARVESTED CROPLAND							
Farms with harvested cropland—number, 1982	280	114	1 245	222	916	390	71
1978	305	112	1 347	222	940	401	65
acres harvested, 1982	26 949	12 180	166 593	16 179	117 923	38 787	(D)
1978	29 103	11 355	150 844	16 549	110 175	34 858	(D)
1982 land in farms:							
1 to 9 acres—farms	1	5	23	6	30	1	-
acres harvested	(D)	16	93	13	102	(D)	-
10 to 49 acres—farms	22	10	303	30	296	54	10
acres harvested	(D)	131	5 288	370	4 861	(D)	152
50 to 69 acres—farms	7	5	99	14	86	26	11
acres harvested	91	118	3 065	223	2 991	767	199
70 to 99 acres—farms	33	9	185	29	114	58	13
acres harvested	735	251	8 356	670	5 386	2 109	371
100 to 139 acres—farms	37	7	130	31	106	58	10
acres harvested	1 694	145	9 271	1 095	8 211	3 402	520
140 to 179 acres—farms	25	8	96	30	57	66	7
acres harvested	1 968	364	8 838	1 271	5 781	4 275	380
180 to 219 acres—farms	41	12	90	13	44	25	10
acres harvested	2 277	868	12 304	878	6 607	2 288	701
220 to 259 acres—farms	18	9	49	17	30	18	4
acres harvested	1 406	831	6 400	1 684	5 267	2 499	310
260 to 499 acres—farms	57	34	154	40	96	58	5
acres harvested	7 813	5 378	36 025	5 855	25 657	9 549	(D)
500 to 999 acres—farms	32	13	89	9	33	23	-
acres harvested	7 591	(D)	46 176	2 004	17 867	10 139	-
1,000 to 1,999 acres—farms	6	2	25	2	17	3	1
acres harvested	2 489	(D)	(D)	(D)	18 723	2 814	(D)
2,000 acres or more—farms	1	-	2	1	7	-	-
acres harvested	(D)	-	(D)	(D)	16 470	-	-

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LAND IN FARMS								
Farms—number, 1982	462	1 215	1 354	195	1 655	1 105	1 187	244
1978	487	1 334	1 542	212	1 800	1 067	1 232	237
acres, 1982	74 148	288 828	264 630	35 538	434 975	222 742	242 776	57 463
1978	75 990	280 016	263 797	41 659	405 649	226 301	244 245	60 079
1982 land in farms:								
1 to 9 acres—farms	26	56	48	4	75	75	51	4
acres	133	212	201	4	234	280	222	17
10 to 49 acres—farms	112	218	311	24	183	333	224	46
acres	3 072	6 569	9 314	794	5 411	8 728	6 797	1 518
50 to 69 acres—farms	50	73	124	9	59	96	96	22
acres	2 926	4 290	7 256	538	3 504	5 558	5 614	1 239
70 to 99 acres—farms	63	144	179	27	188	124	170	28
acres	5 242	11 695	14 560	2 177	15 248	10 092	13 791	2 278
100 to 139 acres—farms	52	128	163	39	194	92	133	29
acres	5 871	14 992	18 921	4 600	22 622	10 657	15 569	3 495
140 to 179 acres—farms	36	97	95	21	171	80	97	28
acres	5 721	15 100	14 832	3 264	26 928	12 636	15 302	4 364
180 to 219 acres—farms	33	68	80	13	136	41	87	19
acres	6 486	13 363	15 681	2 512	26 881	8 173	17 160	3 702
220 to 259 acres—farms	13	58	58	12	118	44	71	14
acres	3 150	13 760	13 912	2 779	27 847	10 578	16 723	3 315
260 to 499 acres—farms	46	213	168	39	315	113	156	36
acres	16 010	76 057	59 285	13 312	112 688	40 573	57 199	13 271
500 to 999 acres—farms	22	125	100	6	158	75	80	15
acres	14 007	85 486	69 690	(D)	103 705	49 971	54 399	11 142
1,000 to 1,999 acres—farms	9	33	27	1	51	20	16	1
acres	11 530	(D)	(D)	(D)	68 740	29 577	22 195	(D)
2,000 acres or more—farms	-	2	1	-	7	12	6	2
acres	-	(D)	(D)	-	21 167	35 919	17 805	(D)
1978 land in farms:								
1 to 9 acres—farms	15	27	39	-	67	37	23	3
acres	58	99	175	-	201	147	65	11
10 to 49 acres—farms	83	209	328	21	192	260	195	28
acres	2 424	6 983	10 332	736	6 044	7 607	6 517	941
50 to 69 acres—farms	58	91	143	9	70	83	88	9
acres	3 381	5 379	8 374	535	4 069	4 810	5 153	505
70 to 99 acres—farms	83	195	273	28	249	154	183	36
acres	6 734	15 916	22 267	2 326	20 088	12 439	14 810	2 940
100 to 139 acres—farms	71	152	185	48	250	92	161	35
acres	8 306	17 609	21 386	5 687	29 110	10 793	18 671	4 136
140 to 179 acres—farms	42	128	122	22	203	83	125	33
acres	6 611	20 375	19 264	3 457	31 928	12 996	19 672	5 240
180 to 219 acres—farms	32	109	102	21	147	58	90	21
acres	6 324	21 545	20 063	4 129	28 892	11 376	17 776	4 144
220 to 259 acres—farms	29	76	71	10	126	51	85	16
acres	6 861	18 039	16 911	2 372	29 911	12 280	20 154	3 832
260 to 499 acres—farms	49	222	174	40	330	157	196	34
acres	17 505	79 878	60 125	13 429	114 770	55 760	70 213	12 185
500 to 999 acres—farms	21	99	85	12	122	61	70	19
acres	12 574	63 161	59 158	(D)	79 845	39 352	47 243	12 639
1,000 to 1,999 acres—farms	4	26	20	1	41	21	12	1
acres	5 212	31 032	25 742	(D)	53 451	27 009	15 011	(D)
2,000 acres or more—farms	-	-	-	-	3	10	4	2
acres	-	-	-	-	7 340	31 732	8 960	(D)
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	425	1 142	1 246	182	1 556	976	1 098	228
1978	472	1 295	1 448	203	1 721	999	1 184	226
acres harvested, 1982	39 072	236 505	186 636	10 021	358 724	160 037	173 200	25 756
1978	38 119	209 105	173 331	12 557	309 874	151 990	157 622	23 701
1982 land in farms:								
1 to 9 acres—farms	14	20	18	1	20	30	18	2
acres harvested	57	79	56	(D)	76	78	63	(D)
10 to 49 acres—farms	95	194	258	22	157	271	186	44
acres harvested	1 321	4 376	4 829	(D)	3 629	4 008	3 543	756
50 to 69 acres—farms	50	70	116	9	55	85	89	17
acres harvested	1 597	2 927	3 778	119	2 447	2 479	2 992	382
70 to 99 acres—farms	59	139	174	25	182	119	167	26
acres harvested	2 484	7 958	8 745	602	11 576	5 456	7 843	919
100 to 139 acres—farms	50	125	155	38	192	90	130	28
acres harvested	2 987	11 119	11 120	1 354	17 273	6 667	9 678	1 428
140 to 179 acres—farms	36	96	93	19	171	78	97	25
acres harvested	2 858	10 677	8 902	718	21 558	7 797	9 689	2 028
180 to 219 acres—farms	33	67	80	11	133	40	85	19
acres harvested	3 443	10 191	10 227	585	21 027	4 956	11 223	1 458
220 to 259 acres—farms	13	58	58	12	117	44	70	14
acres harvested	1 489	10 423	10 625	760	23 155	7 115	11 380	1 319
260 to 499 acres—farms	45	213	168	38	314	112	154	35
acres harvested	8 232	64 943	43 683	4 460	93 453	29 322	41 483	6 645
500 to 999 acres—farms	21	125	98	6	157	75	80	15
acres harvested	7 987	72 718	54 456	931	88 008	40 408	41 874	6 381
1,000 to 1,999 acres—farms	9	33	27	1	51	20	16	1
acres harvested	6 617	(D)	(D)	(D)	58 176	23 988	17 800	(D)
2,000 acres or more—farms	-	2	1	-	7	12	6	2
acres harvested	-	(D)	(D)	-	18 346	27 763	15 632	(D)

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
LAND IN FARMS								
Farms—number, 1982	98	1 016	1 242	961	91	1 524	4	123
1978	92	999	1 190	976	92	1 461	5	126
acres, 1982	29 025	200 872	235 184	177 191	17 685	223 215	390	21 883
1978	26 142	201 906	242 219	174 980	19 759	229 513	260	23 496
1982 land in farms:								
1 to 9 acres—farms	-	27	38	85	2	110	-	3
acres	-	102	167	402	(D)	547	-	10
10 to 49 acres—farms	13	193	351	303	16	455	1	23
acres	473	6 188	9 717	8 488	(D)	11 542	(D)	857
50 to 69 acres—farms	6	49	114	67	9	140	-	4
acres	319	2 869	6 627	3 965	535	8 231	-	230
70 to 99 acres—farms	7	150	168	113	12	187	-	20
acres	591	12 077	13 709	9 312	1 024	15 274	-	1 648
100 to 139 acres—farms	13	144	152	86	6	154	3	16
acres	1 519	17 050	18 067	9 895	691	18 121	(D)	1 820
140 to 179 acres—farms	11	89	101	55	9	103	-	12
acres	1 694	14 084	15 901	8 599	1 434	16 194	-	1 924
180 to 219 acres—farms	9	73	68	46	4	83	-	10
acres	1 747	14 343	13 452	8 982	806	16 367	-	2 029
220 to 259 acres—farms	5	48	37	33	10	69	-	7
acres	1 157	11 361	8 755	7 857	2 295	16 382	-	1 676
260 to 499 acres—farms	19	158	119	89	16	135	-	21
acres	6 695	57 253	42 685	32 361	5 298	47 130	-	7 042
500 to 999 acres—farms	9	67	60	55	7	65	-	7
acres	6 623	44 380	40 275	40 545	5 053	42 723	-	4 647
1,000 to 1,999 acres—farms	6	18	24	21	-	20	-	-
acres	8 207	21 165	31 777	25 916	-	24 006	-	-
2,000 acres or more—farms	-	-	10	8	-	3	-	-
acres	-	-	34 052	20 869	-	6 698	-	-
1978 land in farms:								
1 to 9 acres—farms	-	9	34	86	2	72	-	2
acres	-	34	144	459	(D)	296	-	(D)
10 to 49 acres—farms	6	168	255	249	8	373	4	18
acres	216	5 753	7 695	7 270	(D)	10 864	(D)	(D)
50 to 69 acres—farms	2	41	125	86	5	144	-	3
acres	(D)	2 463	7 313	5 005	296	8 468	-	180
70 to 99 acres—farms	8	161	173	116	8	211	-	18
acres	(D)	12 903	14 270	9 571	652	17 303	-	1 445
100 to 139 acres—farms	16	125	155	94	12	150	1	29
acres	1 852	14 786	18 235	10 902	1 413	17 442	(D)	3 315
140 to 179 acres—farms	10	102	101	76	13	119	-	12
acres	1 520	15 948	15 966	11 918	2 010	18 772	-	1 991
180 to 219 acres—farms	9	71	61	40	11	79	-	6
acres	1 830	14 021	11 864	7 799	2 235	15 637	-	1 223
220 to 259 acres—farms	6	73	48	32	7	61	-	11
acres	1 408	17 345	11 430	7 531	1 627	14 436	-	2 640
260 to 499 acres—farms	22	162	142	111	20	172	-	18
acres	8 188	57 804	48 766	41 018	6 894	59 872	-	6 289
500 to 999 acres—farms	10	77	67	67	5	60	-	9
acres	6 796	49 142	45 077	46 983	(D)	41 156	-	5 756
1,000 to 1,999 acres—farms	3	10	20	15	1	19	-	-
acres	3 565	11 707	26 969	17 794	(D)	(D)	-	-
2,000 acres or more—farms	-	-	9	4	-	1	-	-
acres	-	-	34 490	8 730	-	(D)	-	-
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	89	947	1 145	867	75	1 360	1	105
1978	90	943	1 101	903	83	1 382	2	116
acres harvested, 1982	8 551	138 700	147 343	119 609	8 143	146 441	(D)	7 529
1978	7 620	128 362	139 676	110 087	7 320	145 605	(D)	6 321
1982 land in farms:								
1 to 9 acres—farms	-	11	22	59	2	66	-	-
acres harvested	-	27	72	141	(D)	238	-	-
10 to 49 acres—farms	10	158	304	255	7	363	-	13
acres harvested	149	3 081	4 912	3 952	(D)	5 086	-	177
50 to 69 acres—farms	6	48	104	56	7	132	-	4
acres harvested	145	1 653	2 941	1 360	53	4 127	-	134
70 to 99 acres—farms	7	144	158	110	9	178	-	19
acres harvested	200	6 981	6 428	4 778	218	8 227	-	571
100 to 139 acres—farms	10	140	143	83	6	150	1	16
acres harvested	297	10 357	8 935	5 863	314	10 625	(D)	714
140 to 179 acres—farms	9	82	100	54	9	102	-	12
acres harvested	326	8 285	7 753	4 566	520	9 632	-	561
180 to 219 acres—farms	9	73	66	44	3	81	-	9
acres harvested	640	9 911	7 539	5 114	315	10 228	-	783
220 to 259 acres—farms	5	48	36	33	9	69	-	7
acres harvested	341	7 589	5 229	4 941	1 029	11 209	-	630
260 to 499 acres—farms	19	158	118	89	16	134	-	20
acres harvested	2 303	39 429	27 484	23 027	2 590	32 721	-	2 588
500 to 999 acres—farms	9	67	60	55	7	62	-	5
acres harvested	2 798	34 187	28 833	31 645	3 001	31 070	-	1 371
1,000 to 1,999 acres—farms	5	18	24	21	-	20	-	-
acres harvested	1 352	17 200	24 184	22 050	-	17 449	-	-
2,000 acres or more—farms	-	-	10	8	-	3	-	-
acres harvested	-	-	23 033	12 172	-	5 829	-	-

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenewee	Livingston	Luce	Mackinac	Macomb	Manistee
LAND IN FARMS								
Farms—number, 1982	1 361	429	1 619	884	30	96	819	304
1978	1 323	420	1 840	792	30	87	838	341
acres, 1982	225 945	72 455	376 296	137 918	10 813	31 120	91 222	49 377
1978	233 427	72 351	373 727	136 212	11 402	27 861	89 489	57 183
1982 land in farms:								
1 to 9 acres—farms	54	16	77	52	-	1	80	8
acres	290	71	308	249	-	(D)	332	52
10 to 49 acres—farms	420	75	377	305	1	6	301	67
acres	11 341	2 227	10 659	7 540	(D)	(D)	7 725	1 836
50 to 69 acres—farms	108	38	122	91	-	-	80	24
acres	6 398	2 192	7 168	5 179	-	-	4 672	1 413
70 to 99 acres—farms	184	65	173	85	4	15	93	46
acres	15 128	5 404	14 185	6 796	352	1 214	7 693	3 775
100 to 139 acres—farms	140	54	166	80	1	6	65	52
acres	16 322	6 221	19 371	9 438	(D)	727	7 515	6 032
140 to 179 acres—farms	107	54	118	60	6	12	55	27
acres	16 736	8 527	18 604	9 433	957	1 921	8 572	4 176
180 to 219 acres—farms	60	40	96	35	1	4	31	17
acres	11 787	7 829	18 956	6 892	(D)	793	6 170	3 323
220 to 259 acres—farms	56	18	64	28	1	5	28	8
acres	13 367	4 293	15 113	6 660	(D)	1 200	6 652	1 878
260 to 499 acres—farms	149	44	219	76	9	32	58	43
acres	53 765	15 178	78 190	25 961	3 403	11 579	19 421	15 030
500 to 999 acres—farms	54	20	151	55	5	11	26	7
acres	35 523	12 271	102 631	36 949	3 079	6 682	(D)	4 521
1,000 to 1,999 acres—farms	23	3	43	16	2	3	1	5
acres	31 569	(D)	53 532	(D)	(D)	4 050	(D)	7 341
2,000 acres or more—farms	6	2	13	1	-	1	1	-
acres	13 719	(D)	37 579	(D)	-	(D)	(D)	-
1978 land in farms:								
1 to 9 acres—farms	27	5	76	29	-	2	71	9
acres	110	26	288	129	-	(D)	253	34
10 to 49 acres—farms	323	67	401	207	-	2	291	47
acres	9 709	1 903	11 877	5 762	-	(D)	7 985	1 565
50 to 69 acres—farms	114	34	152	76	-	3	99	18
acres	6 689	2 012	8 848	4 361	-	174	5 761	1 083
70 to 99 acres—farms	218	59	221	87	3	12	107	64
acres	17 776	4 883	18 198	7 201	249	968	8 837	5 121
100 to 139 acres—farms	149	62	219	106	3	6	75	63
acres	17 121	7 177	25 433	12 406	342	722	8 623	7 327
140 to 179 acres—farms	114	71	153	57	3	9	59	39
acres	17 893	11 238	24 147	8 965	450	1 462	9 341	6 062
180 to 219 acres—farms	65	33	121	36	4	7	33	20
acres	12 878	6 486	23 876	7 137	(D)	1 366	6 483	3 933
220 to 259 acres—farms	54	21	72	37	2	5	27	15
acres	12 841	5 043	16 989	8 579	(D)	1 200	6 526	3 531
260 to 499 acres—farms	169	44	238	102	10	26	50	50
acres	60 704	14 977	84 421	36 218	3 995	9 671	17 620	17 305
500 to 999 acres—farms	67	20	147	41	3	12	23	14
acres	43 457	12 329	98 805	26 953	(D)	7 217	13 972	(D)
1,000 to 1,999 acres—farms	22	3	32	12	2	2	3	2
acres	(D)	(D)	41 611	(D)	(D)	(D)	4 088	(D)
2,000 acres or more—farms	1	1	8	2	-	1	-	-
acres	(D)	(D)	19 234	(D)	-	(D)	-	-
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	1 219	408	1 490	753	29	91	751	279
1978	1 245	410	1 749	722	27	80	797	329
acres harvested, 1982	147 303	31 464	310 907	85 977	3 543	12 218	68 048	18 837
1978	144 324	28 639	296 952	79 681	2 813	10 706	61 443	19 302
1982 land in farms:								
1 to 9 acres—farms	22	11	31	25	-	1	53	3
acres harvested	89	28	117	89	-	(D)	139	13
10 to 49 acres—farms	342	64	324	219	1	4	267	59
acres harvested	5 567	914	6 392	2 886	(D)	(D)	4 406	599
50 to 69 acres—farms	96	36	112	85	-	-	78	20
acres harvested	3 129	842	4 768	2 537	-	-	3 020	520
70 to 99 acres—farms	173	62	168	79	4	15	92	44
acres harvested	7 058	2 216	10 287	3 156	113	423	4 853	1 226
100 to 139 acres—farms	136	54	162	76	1	5	65	46
acres harvested	8 908	2 143	14 467	4 912	(D)	192	5 166	1 651
140 to 179 acres—farms	106	54	115	58	5	11	51	27
acres harvested	9 754	3 009	14 258	4 271	192	468	6 249	1 202
180 to 219 acres—farms	57	40	93	35	1	4	31	17
acres harvested	6 271	3 531	14 688	4 029	(D)	210	4 609	985
220 to 259 acres—farms	55	18	63	28	1	5	28	8
acres harvested	7 918	1 937	12 881	3 766	(D)	433	5 477	458
260 to 499 acres—farms	149	44	217	76	9	31	58	43
acres harvested	38 084	6 809	65 529	17 028	1 167	5 549	14 865	5 505
500 to 999 acres—farms	54	20	149	55	5	11	26	7
acres harvested	25 566	6 145	88 608	27 385	1 088	2 489	(D)	2 421
1,000 to 1,999 acres—farms	23	3	43	16	2	3	1	5
acres harvested	23 839	(D)	45 904	(D)	(D)	1 987	(D)	4 257
2,000 acres or more—farms	6	2	13	1	-	1	1	-
acres harvested	11 120	(D)	33 008	(D)	-	(D)	(D)	-

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Marquette	Meson	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LAND IN FARMS								
Farms—number, 1982	125	492	684	458	502	343	1 458	1 132
1978	101	496	687	488	524	361	1 529	1 210
acres, 1982	29 645	85 809	136 384	138 157	93 299	93 925	241 736	240 591
1978	27 814	87 234	139 885	146 332	94 386	100 823	231 839	243 125
1982 land in farms:								
1 to 9 acres—farms	4	18	7	5	24	6	95	33
acres	11	77	45	21	136	11	441	85
10 to 49 acres—farms	21	119	105	36	129	36	467	229
acres	631	3 675	3 473	1 149	4 055	1 030	12 600	7 267
50 to 69 acres—farms	8	36	38	16	37	16	121	85
acres	465	2 107	2 283	887	2 160	906	7 044	4 881
70 to 99 acres—farms	22	74	123	32	84	33	175	150
acres	1 795	5 860	10 033	2 594	6 940	2 658	14 677	12 158
100 to 139 acres—farms	13	52	81	36	62	28	133	136
acres	1 517	6 144	9 559	4 173	7 079	3 382	15 376	15 755
140 to 179 acres—farms	6	30	69	56	31	35	83	98
acres	949	4 635	10 916	8 732	5 017	5 526	13 223	15 495
180 to 219 acres—farms	7	40	50	42	31	19	70	65
acres	1 381	7 828	9 933	8 201	6 154	3 711	13 920	12 750
220 to 259 acres—farms	4	29	47	41	16	27	66	66
acres	992	6 880	11 092	9 761	3 755	6 416	15 677	15 667
260 to 499 acres—farms	27	57	111	115	43	95	151	146
acres	9 511	19 950	38 420	41 786	15 080	32 912	51 960	52 008
500 to 999 acres—farms	9	30	46	69	31	40	67	96
acres	5 977	19 882	30 894	47 640	20 720	26 787	45 229	65 798
1,000 to 1,999 acres—farms	4	7	6	10	12	8	26	25
acres	6 416	8 771	(D)	13 213	(D)	10 586	33 283	30 535
2,000 acres or more—farms	-	-	1	-	2	-	4	3
acres	-	-	(D)	-	(D)	-	18 306	8 192
1978 land in farms:								
1 to 9 acres—farms	4	14	8	2	16	-	78	19
acres	6	65	18	(D)	68	-	425	74
10 to 49 acres—farms	10	95	66	29	116	38	441	190
acres	315	2 999	2 353	(D)	3 823	1 257	12 767	6 265
50 to 69 acres—farms	3	33	30	6	33	8	161	80
acres	183	1 937	1 782	335	1 975	493	9 345	4 700
70 to 99 acres—farms	12	81	135	45	86	45	213	196
acres	965	6 422	10 934	3 593	6 942	3 656	17 837	15 987
100 to 139 acres—farms	11	65	95	44	66	35	165	176
acres	1 289	7 425	11 137	5 266	7 753	4 123	19 035	20 528
140 to 179 acres—farms	12	46	69	53	62	37	85	136
acres	1 901	7 200	10 772	8 297	9 717	5 816	13 329	21 280
180 to 219 acres—farms	8	35	65	65	33	31	68	73
acres	1 561	6 921	12 874	12 920	6 451	6 176	13 492	14 477
220 to 259 acres—farms	6	28	45	40	18	23	60	62
acres	1 413	6 602	10 710	9 458	4 283	5 486	14 141	14 626
260 to 499 acres—farms	22	65	125	123	61	103	181	172
acres	7 747	22 014	43 115	43 680	21 264	35 506	62 983	59 857
500 to 999 acres—farms	9	31	45	70	21	36	52	87
acres	6 366	21 147	30 222	46 713	13 546	23 715	35 289	57 199
1,000 to 1,999 acres—farms	3	3	4	11	10	4	24	16
acres	(D)	4 502	5 968	15 053	(D)	(D)	(D)	19 900
2,000 acres or more—farms	1	-	-	-	2	1	1	3
acres	(D)	-	-	-	(D)	(D)	(D)	8 232
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	99	448	631	421	434	322	1 354	1 047
1978	94	471	653	472	494	347	1 465	1 164
acres harvested, 1982	6 022	49 740	68 214	54 544	67 264	53 047	208 633	160 632
1978	6 715	44 755	62 277	56 451	62 718	48 927	195 770	142 710
1982 land in farms:								
1 to 9 acres—farms	1	11	3	1	12	2	51	9
acres harvested	(D)	35	13	(D)	53	(D)	188	23
10 to 49 acres—farms	15	94	84	28	98	28	413	193
acres harvested	(D)	1 445	1 461	(D)	2 194	(D)	8 425	3 176
50 to 69 acres—farms	8	32	34	14	27	14	118	79
acres harvested	150	790	1 040	238	994	446	5 369	2 184
70 to 99 acres—farms	18	69	113	30	75	30	174	141
acres harvested	570	2 481	3 996	883	3 773	1 108	12 165	5 683
100 to 139 acres—farms	8	51	78	26	60	27	132	129
acres harvested	107	3 072	3 458	1 104	3 778	1 939	12 873	8 299
140 to 179 acres—farms	5	30	64	53	30	35	82	98
acres harvested	139	3 048	4 034	3 042	3 149	3 078	11 376	8 428
180 to 219 acres—farms	6	39	48	39	28	18	70	62
acres harvested	390	3 916	4 156	2 998	4 005	1 659	12 252	7 328
220 to 259 acres—farms	3	28	45	41	16	27	66	66
acres harvested	93	3 724	5 089	2 643	2 527	4 031	13 909	9 517
260 to 499 acres—farms	22	57	109	110	43	93	151	146
acres harvested	1 812	11 757	18 789	16 397	12 029	19 503	46 598	35 204
500 to 999 acres—farms	9	30	46	69	31	40	67	96
acres harvested	1 414	13 318	18 749	21 540	16 896	16 474	40 765	50 580
1,000 to 1,999 acres—farms	4	7	6	10	12	8	26	25
acres harvested	1 222	6 154	(D)	5 296	(D)	4 433	30 849	23 811
2,000 acres or more—farms	-	-	1	-	2	-	4	3
acres harvested	-	-	(D)	-	(D)	-	13 864	6 399

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
LAND IN FARMS								
Farms—number, 1982	106	481	784	688	735	308	145	549
1978	110	493	807	620	772	303	149	546
acres, 1982	24 401	85 256	128 523	69 053	130 279	67 380	38 665	117 686
1978	27 048	87 218	133 266	77 107	125 734	73 732	41 572	125 053
1982 land in farms:								
1 to 9 acres—farms	2	20	21	121	16	4	2	9
acres	(D)	75	62	510	93	18	(D)	14
10 to 49 acres—farms	13	147	188	317	174	53	9	61
acres	477	3 987	5 977	7 052	5 515	1 662	305	2 156
50 to 69 acres—farms	6	46	48	27	50	14	6	25
acres	334	2 663	2 782	1 568	2 979	871	339	1 433
70 to 99 acres—farms	16	72	142	51	107	40	15	77
acres	1 288	5 898	11 414	4 168	8 524	3 168	1 192	6 252
100 to 139 acres—farms	7	51	91	40	103	41	12	77
acres	777	5 789	10 670	4 623	11 807	4 817	1 396	8 872
140 to 179 acres—farms	6	29	68	29	57	36	11	67
acres	913	4 542	10 747	4 567	8 929	5 680	1 754	10 636
180 to 219 acres—farms	19	24	52	23	52	18	19	51
acres	3 723	4 711	10 247	4 653	10 119	3 628	3 699	10 068
220 to 259 acres—farms	9	12	36	13	37	22	12	48
acres	2 142	2 867	8 492	3 087	8 772	5 239	2 850	11 338
260 to 499 acres—farms	18	50	99	44	87	44	48	78
acres	6 005	17 095	35 816	16 411	30 895	15 335	17 364	27 397
500 to 999 acres—farms	8	24	33	15	42	31	8	50
acres	5 632	16 448	22 450	9 922	27 299	20 112	5 353	32 532
1,000 to 1,999 acres—farms	2	3	5	6	7	5	2	6
acres	(D)	3 860	(D)	(D)	8 548	6 850	(D)	6 888
2,000 acres or more—farms	-	3	1	2	3	-	1	-
acres	-	17 321	(D)	(D)	6 799	-	(D)	-
1978 land in farms:								
1 to 9 acres—farms	2	22	6	96	16	4	-	6
acres	(D)	76	25	386	79	6	-	15
10 to 49 acres—farms	10	133	157	226	167	30	2	46
acres	(D)	4 038	5 183	5 632	5 513	987	(D)	1 648
50 to 69 acres—farms	4	60	50	42	60	10	6	23
acres	233	3 535	2 903	2 371	3 549	627	382	1 374
70 to 99 acres—farms	12	71	145	59	142	48	15	72
acres	961	5 740	11 648	4 756	11 567	3 849	1 224	5 862
100 to 139 acres—farms	18	66	118	47	109	34	17	73
acres	2 045	7 783	13 361	5 438	12 488	3 945	2 046	8 695
140 to 179 acres—farms	9	26	88	33	61	45	20	70
acres	1 378	4 132	13 722	5 273	9 754	7 064	3 193	10 927
180 to 219 acres—farms	13	24	56	23	62	24	18	46
acres	2 579	4 688	10 979	4 508	12 184	4 790	3 602	9 061
220 to 259 acres—farms	8	23	52	14	32	21	9	53
acres	1 893	5 464	12 260	3 316	7 494	5 014	2 163	12 636
260 to 499 acres—farms	24	42	103	49	80	54	49	106
acres	8 147	14 647	36 814	17 372	29 624	18 860	17 777	38 184
500 to 999 acres—farms	8	20	25	23	34	27	11	45
acres	(D)	13 687	16 096	15 753	20 701	19 318	7 731	29 973
1,000 to 1,999 acres—farms	2	2	6	7	8	6	1	6
acres	(D)	(D)	(D)	(D)	(D)	9 272	(D)	6 678
2,000 acres or more—farms	-	4	1	1	1	-	1	-
acres	-	(D)	(D)	(D)	(D)	-	(D)	-
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	100	425	736	510	699	279	139	504
1978	101	464	774	488	747	294	143	516
acres harvested, 1982	10 970	50 494	69 862	36 995	63 361	35 146	11 399	53 035
1978	10 972	48 568	66 822	35 969	59 203	35 404	12 715	53 659
1982 land in farms:								
1 to 9 acres—farms	2	14	6	61	11	3	1	1
acres harvested	(D)	31	21	140	46	5	(D)	(D)
10 to 49 acres—farms	12	113	167	220	161	39	7	50
acres harvested	229	1 730	2 623	2 771	2 294	625	112	(D)
50 to 69 acres—farms	6	45	45	27	43	11	6	19
acres harvested	112	1 221	1 317	695	959	566	117	418
70 to 99 acres—farms	15	63	137	46	104	36	14	72
acres harvested	436	2 330	4 986	1 823	3 380	1 249	331	2 208
100 to 139 acres—farms	6	49	89	36	100	37	12	75
acres harvested	197	2 820	4 680	2 046	5 297	2 052	404	3 364
140 to 179 acres—farms	6	29	66	27	55	35	10	64
acres harvested	408	2 342	5 181	2 236	4 050	1 865	453	3 989
180 to 219 acres—farms	18	23	52	21	52	16	19	49
acres harvested	1 635	2 678	5 469	2 480	4 421	1 279	931	4 216
220 to 259 acres—farms	8	11	36	11	36	22	12	47
acres harvested	972	1 519	4 489	1 502	3 890	2 676	766	4 852
260 to 499 acres—farms	18	50	99	40	87	44	48	71
acres harvested	2 723	11 930	22 565	7 878	15 764	7 747	5 255	11 482
500 to 999 acres—farms	8	22	33	13	40	31	7	50
acres harvested	3 886	10 958	15 540	6 359	14 361	13 395	2 098	17 272
1,000 to 1,999 acres—farms	1	3	5	6	7	5	2	6
acres harvested	(D)	3 075	(D)	(D)	4 789	3 687	(D)	4 228
2,000 acres or more—farms	-	3	1	2	3	-	1	-
acres harvested	-	9 860	(D)	(D)	4 110	-	(D)	-

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Oscoda	Otsago	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
LAND IN FARMS								
Farms—number, 1982	86	142	1 573	335	37	1 702	1 302	1 033
1978	80	151	1 588	347	31	1 817	1 316	1 083
acres, 1982	16 856	41 510	183 159	88 025	5 391	322 729	205 706	220 737
1978	17 110	41 490	190 645	89 310	6 456	334 821	206 258	223 042
1982 land in farms:								
1 to 9 acres—farms	1	1	155	8	3	65	50	58
acres	(D)	(D)	713	31	8	324	207	244
10 to 49 acres—farms	14	12	545	29	10	429	352	210
acres	(D)	430	14 843	883	342	12 517	9 882	5 513
50 to 69 acras—farms	5	3	146	4	4	117	110	76
acres	305	185	8 490	239	227	6 781	6 443	4 461
70 to 99 acres—farms	12	14	220	35	3	252	178	116
acres	936	1 154	18 028	2 796	254	20 455	14 380	9 639
100 to 139 acres—farms	9	15	130	41	5	188	163	103
acres	1 034	1 744	15 000	4 845	602	22 005	19 147	12 014
140 to 179 acres—farms	16	18	81	48	2	141	94	108
acres	2 500	2 858	12 743	7 627	(D)	22 283	14 744	17 170
180 to 219 acres—farms	5	18	72	28	3	97	81	66
acres	1 026	3 573	14 451	5 492	618	19 311	15 916	13 071
220 to 259 acres—farms	-	9	59	27	2	70	51	47
acres	-	2 122	13 986	6 379	(D)	16 789	12 229	11 314
260 to 499 acres—farms	18	36	109	76	4	202	155	133
acres	6 304	12 780	38 346	26 609	1 620	71 597	51 782	47 893
500 to 999 acres—farms	5	12	46	31	1	101	52	91
acres	2 980	7 353	29 302	21 437	(D)	70 186	35 352	59 981
1,000 to 1,999 acres—farms	1	2	7	6	-	36	12	20
acres	(D)	(D)	8 001	(D)	-	49 791	15 876	25 238
2,000 acres or more—farms	-	2	3	2	-	4	4	5
acres	-	(D)	9 256	(D)	-	10 690	9 748	14 199
1978 land in farms:								
1 to 9 acres—farms	2	2	101	2	-	38	35	38
acres	(D)	(D)	389	(D)	-	155	136	152
10 to 49 acres—farms	5	13	529	17	4	410	302	202
acres	(D)	(D)	15 078	(D)	125	12 953	9 281	5 548
50 to 69 acres—farms	2	5	181	11	8	140	122	82
acres	(D)	307	10 688	663	463	8 233	7 187	4 852
70 to 99 acres—farms	9	7	217	29	2	263	227	136
acras	(D)	600	17 778	2 310	(D)	21 185	18 426	11 260
100 to 139 acres—farms	11	12	151	50	2	224	165	143
acres	1 313	1 359	17 709	5 879	(D)	26 312	19 218	16 519
140 to 179 acres—farms	15	23	106	47	3	176	110	97
acres	2 334	3 630	16 862	7 492	(D)	27 608	17 174	15 534
180 to 219 acres—farms	11	24	71	30	1	122	69	70
acres	2 173	4 871	13 884	5 911	(D)	24 124	13 665	13 742
220 to 259 acres—farms	4	10	57	25	3	85	72	52
acres	919	2 347	13 736	5 956	(D)	20 298	17 148	12 293
260 to 499 acres—farms	15	37	132	105	5	223	154	155
acres	5 267	13 095	47 040	35 972	(D)	78 412	53 384	55 093
500 to 999 acres—farms	6	16	33	26	3	102	48	91
acres	4 063	(D)	20 129	18 097	2 540	66 288	31 303	60 685
1,000 to 1,999 acres—farms	-	1	8	4	-	30	10	13
acres	-	(D)	(D)	(D)	-	36 566	(D)	16 897
2,000 acres or more—farms	-	1	2	1	-	4	2	4
acres	-	(D)	(D)	(D)	-	12 687	(D)	10 467
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	78	130	1 414	302	28	1 614	1 178	936
1978	75	144	1 484	332	28	1 767	1 235	1 008
acres harvasted, 1982	6 723	12 153	123 172	38 011	(D)	273 534	143 393	161 056
1978	6 264	11 527	119 274	32 989	1 961	266 021	132 399	150 012
1982 land in farms:								
1 to 9 acres—farms	1	-	86	3	1	39	21	25
acres harvested	(D)	-	224	10	(D)	162	65	94
10 to 49 acres—farms	11	10	474	22	6	376	289	174
acres harvested	(D)	222	7 559	360	90	7 582	4 862	2 816
50 to 69 acres—farms	5	2	138	3	3	114	96	70
acres harvested	141	(D)	4 853	144	65	4 804	2 976	2 442
70 to 99 acres—farms	9	13	213	32	3	247	174	105
acres harvested	187	511	11 019	1 140	73	15 485	7 767	5 300
100 to 139 acres—farms	8	14	129	37	4	188	157	99
acres harvasted	368	788	9 427	1 508	200	16 933	10 524	6 881
140 to 179 acres—farms	16	17	81	45	2	140	94	105
acres harvested	913	786	8 620	2 401	(D)	17 487	9 321	11 567
180 to 219 acres—farms	5	16	72	27	3	97	79	65
acres harvested	474	1 063	9 908	2 010	246	15 522	11 135	8 707
220 to 259 acres—farms	-	9	59	20	2	70	50	46
acres harvested	-	835	9 780	1 581	(D)	13 856	8 608	7 497
260 to 499 acres—farms	17	35	107	75	3	202	151	131
acras harvested	2 572	3 774	28 491	11 180	552	62 273	38 099	33 889
500 to 999 acres—farms	5	11	45	31	1	101	51	91
acres harvested	1 437	3 077	21 918	11 937	(D)	63 426	28 481	48 072
1,000 to 1,999 acres—farms	1	2	7	5	-	36	12	20
acres harvested	(D)	(D)	5 681	(D)	-	46 114	13 290	21 203
2,000 acres or more—farms	-	1	3	2	-	4	4	5
acres harvested	-	(D)	5 692	(D)	-	9 890	8 265	12 588

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text]

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LAND IN FARMS								
Farms—number, 1982	1 846	56	1 386	1 483	1 464	1 347	439	229
1978	1 969	54	1 384	1 563	1 615	1 362	463	227
acres, 1982	444 294	14 494	244 318	343 675	197 055	223 673	37 326	39 867
1978	447 873	14 250	252 001	344 694	206 380	235 477	33 450	44 031
1982 land in farms:								
1 to 9 acres—farms	47	2	34	46	55	71	96	3
acres	197	(D)	156	155	320	348	408	4
10 to 49 acres—farms	289	9	328	260	521	396	183	43
acres	8 902	237	9 353	7 918	14 877	10 010	4 268	1 361
50 to 69 acres—farms	89	1	110	95	169	103	30	19
acres	5 271	(D)	6 327	5 508	9 992	5 931	1 760	1 118
70 to 99 acres—farms	221	3	214	215	194	145	35	42
acres	17 758	(D)	17 644	17 615	15 955	11 855	2 837	3 518
100 to 139 acres—farms	186	9	157	186	152	156	36	27
acres	21 831	1 091	18 425	21 457	17 990	18 293	4 187	3 185
140 to 179 acres—farms	194	8	103	109	98	98	18	23
acres	30 596	1 226	16 051	17 255	15 385	15 554	2 891	3 579
180 to 219 acres—farms	151	4	104	104	71	69	4	10
acres	29 558	730	20 716	20 395	13 889	13 601	789	1 974
220 to 259 acres—farms	126	2	58	55	49	53	5	13
acres	29 806	(D)	13 537	13 011	11 692	12 576	1 181	3 076
260 to 499 acres—farms	338	8	174	235	95	155	17	38
acres	119 569	2 682	60 233	82 872	32 067	55 302	6 296	13 645
500 to 999 acres—farms	153	8	90	133	51	82	11	10
acres	103 323	5 722	61 212	89 402	34 255	53 752	8 457	(D)
1,000 to 1,999 acres—farms	44	2	12	38	5	18	4	1
acres	56 273	(D)	(D)	48 532	5 266	(D)	4 252	(D)
2,000 acres or more—farms	8	-	2	7	4	1	-	-
acres	21 210	-	(D)	19 555	25 367	(D)	-	-
1978 land in farms:								
1 to 9 acres—farms	32	2	29	34	51	55	106	5
acres	103	(D)	70	151	272	259	431	28
10 to 49 acres—farms	280	8	283	238	496	311	190	35
acres	9 065	(D)	8 822	7 871	14 493	8 527	4 738	1 102
50 to 69 acres—farms	87	1	113	104	191	97	41	7
acres	5 097	(D)	6 590	6 037	11 037	5 677	2 381	416
70 to 99 acres—farms	231	4	225	238	253	187	49	31
acres	18 702	(D)	18 437	19 536	20 538	15 264	4 088	2 530
100 to 139 acres—farms	233	8	156	200	226	176	20	32
acres	27 574	939	18 250	23 275	26 569	20 735	2 362	3 754
140 to 179 acres—farms	215	5	132	151	98	121	12	26
acres	33 907	780	20 754	23 935	15 547	18 949	1 900	4 043
180 to 219 acres—farms	172	5	81	114	79	72	6	14
acres	33 643	972	16 021	22 286	15 608	14 308	1 219	2 718
220 to 259 acres—farms	155	-	56	77	60	65	12	20
acres	36 962	-	13 199	18 272	14 168	15 243	2 861	4 774
260 to 499 acres—farms	367	13	212	246	109	183	20	44
acres	127 641	4 530	75 878	87 456	37 356	64 190	7 693	14 912
500 to 999 acres—farms	157	5	83	126	44	80	5	12
acres	101 915	3 040	53 735	81 762	29 411	53 243	(D)	(D)
1,000 to 1,999 acres—farms	37	3	12	27	6	15	2	1
acres	45 613	3 292	(D)	34 326	(D)	19 082	(D)	(D)
2,000 acres or more—farms	3	-	2	8	2	-	-	-
acres	7 451	-	(D)	19 787	(D)	-	-	-
HARVESTED CROPLAND								
Farms with harvested cropland—number, 1982	1 751	53	1 316	1 394	1 376	1 201	375	201
1978	1 899	50	1 337	1 513	1 550	1 268	410	208
acres harvested, 1982	345 800	5 213	182 595	281 916	120 184	161 359	27 085	17 301
1978	324 981	4 595	179 473	264 116	111 405	160 191	23 501	18 057
1982 land in farms:								
1 to 9 acres—farms	21	2	16	23	35	33	71	-
acres harvested	69	(D)	53	68	135	107	193	-
10 to 49 acres—farms	250	8	295	216	473	305	149	34
acres harvested	4 961	59	5 801	4 437	6 083	4 742	2 587	422
50 to 69 acres—farms	83	1	101	88	157	96	29	17
acres harvested	3 230	(D)	3 705	3 355	3 776	3 167	1 145	481
70 to 99 acres—farms	211	2	211	207	189	140	35	36
acres harvested	11 458	(D)	12 002	10 940	7 000	6 896	1 915	1 014
100 to 139 acres—farms	182	9	153	183	150	153	35	24
acres harvested	14 985	299	12 014	14 273	8 846	11 368	3 373	1 190
140 to 179 acres—farms	192	8	102	106	97	98	16	21
acres harvested	19 942	481	10 976	11 902	8 275	9 820	1 594	1 284
180 to 219 acres—farms	149	4	104	104	71	67	4	10
acres harvested	21 252	118	14 902	15 222	7 721	9 062	639	660
220 to 259 acres—farms	126	2	57	54	49	53	5	13
acres harvested	22 413	(D)	9 796	10 368	6 993	9 416	813	1 274
260 to 499 acres—farms	334	7	173	235	95	155	16	36
acres harvested	94 302	1 063	45 544	70 795	22 481	40 013	4 908	6 268
500 to 999 acres—farms	151	8	90	133	51	82	11	9
acres harvested	84 760	2 061	49 396	78 764	26 159	43 681	6 890	(D)
1,000 to 1,999 acres—farms	44	2	12	38	5	18	4	1
acres harvested	48 376	(D)	(D)	44 162	3 764	(D)	3 028	(D)
2,000 acres or more—farms	8	-	2	7	4	1	-	-
acres harvested	20 052	-	(D)	17 630	18 951	(D)	-	-

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
IRRIGATED LAND							
Farms with irrigated land ---- number, 1982	3 179	2	4	120	10	37	7
1978	3 157	2	4	119	17	25	8
acres irrigated, 1982	285 983	(D)	27	7 122	98	4 102	1 261
1978	225 928	(D)	30	4 542	168	2 003	702
1982 land in farms:							
1 to 9 acres ---- farms	290	-	-	9	-	2	-
acres irrigated	592	-	-	10	-	(D)	-
10 to 49 acres ---- farms	678	-	1	26	1	3	-
acres irrigated	4 814	-	(D)	197	(D)	19	-
50 to 69 acres ---- farms	177	1	1	10	1	2	-
acres irrigated	2 819	(D)	(D)	152	(D)	(D)	-
70 to 99 acres ---- farms	240	-	-	8	1	3	-
acres irrigated	5 463	-	-	240	(D)	30	-
100 to 139 acres ---- farms	216	-	1	16	3	5	-
acres irrigated	5 830	-	(D)	544	15	109	-
140 to 179 acres ---- farms	189	-	-	7	-	4	-
acres irrigated	8 392	-	-	273	-	34	-
180 to 219 acres ---- farms	176	1	-	8	1	4	-
acres irrigated	10 182	(D)	-	528	(D)	300	-
220 to 259 acres ---- farms	120	-	-	5	1	1	2
acres irrigated	8 241	-	-	460	(D)	(D)	(D)
260 to 499 acres ---- farms	428	-	1	16	1	5	1
acres irrigated	40 729	-	(D)	1 705	(D)	168	(D)
500 to 999 acres ---- farms	433	-	-	11	1	4	-
acres irrigated	85 333	-	-	1 860	(D)	534	-
1,000 to 1,999 acres ---- farms	179	-	-	4	-	3	3
acres irrigated	61 456	-	-	1 153	-	800	850
2,000 acres or more ---- farms	53	-	-	-	-	1	1
acres irrigated	52 132	-	-	-	-	(D)	(D)

All farms	Berrage	Barry	Bay	Benzie	Berrien	Branch	Calhoun
IRRIGATED LAND							
Farms with irrigated land ---- number, 1982	4	24	55	32	174	122	57
1978	1	30	56	24	233	113	54
acres irrigated, 1982	19	2 203	4 030	650	5 308	24 365	10 663
1978	(D)	2 059	3 888	613	6 595	18 826	6 242
1982 land in farms:							
1 to 9 acres ---- farms	-	1	3	1	11	1	1
acres irrigated	-	(D)	5	(D)	24	(D)	(D)
10 to 49 acres ---- farms	-	3	8	5	38	1	8
acres irrigated	-	19	70	26	223	(D)	55
50 to 69 acres ---- farms	1	2	4	3	11	3	1
acres irrigated	(D)	(D)	30	23	134	(D)	(D)
70 to 99 acres ---- farms	2	3	-	6	22	3	2
acres irrigated	(D)	33	-	81	337	90	(D)
100 to 139 acres ---- farms	-	2	2	3	19	4	2
acres irrigated	-	(D)	(D)	44	333	305	(D)
140 to 179 acres ---- farms	-	-	6	3	17	5	2
acres irrigated	-	-	282	81	490	469	(D)
180 to 219 acres ---- farms	-	-	3	2	5	4	2
acres irrigated	-	-	231	(D)	241	430	(D)
220 to 259 acres ---- farms	-	1	4	2	7	3	2
acres irrigated	-	(D)	442	(D)	99	428	(D)
260 to 499 acres ---- farms	1	4	16	4	29	34	15
acres irrigated	(D)	849	1 535	180	1 720	4 112	1 168
500 to 999 acres ---- farms	-	7	7	2	13	43	12
acres irrigated	-	911	1 133	(D)	(D)	9 676	2 375
1,000 to 1,999 acres ---- farms	-	1	2	1	2	18	8
acres irrigated	-	(D)	(D)	(D)	(D)	6 365	3 336
2,000 acres or more ---- farms	-	-	-	-	-	3	2
acres irrigated	-	-	-	-	-	2 350	(D)

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
IRRIGATED LAND							
Farms with irrigated land ---- number, 1982	72	13	12	4	5	36	2
1978	78	7	9	3	4	35	1
acres irrigated, 1982	11 870	119	119	58	330	2 597	(D)
1978	8 352	20	188	(D)	14	2 126	(D)
1982 land in farms:							
1 to 9 acres ---- farms	3	2	-	-	1	1	-
acres irrigated	5	(D)	-	-	(D)	(D)	-
10 to 49 acres ---- farms	4	4	4	-	1	9	2
acres irrigated	28	7	20	-	(D)	42	(D)
50 to 69 acres ---- farms	4	1	1	-	-	5	-
acres irrigated	50	(D)	(D)	-	-	40	-
70 to 99 acres ---- farms	3	2	5	1	-	3	-
acres irrigated	170	(D)	13	(D)	-	31	-
100 to 139 acres ---- farms	1	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-
140 to 179 acres ---- farms	4	-	-	1	-	4	-
acres irrigated	230	-	-	(D)	-	86	-
180 to 219 acres ---- farms	6	1	-	2	-	1	-
acres irrigated	400	(D)	-	(D)	-	(D)	-
220 to 259 acres ---- farms	1	1	-	-	-	-	-
acres irrigated	(D)	(D)	-	-	-	-	-
260 to 499 acres ---- farms	19	1	2	-	-	6	-
acres irrigated	2 151	(D)	(D)	-	-	555	-
500 to 999 acres ---- farms	16	1	-	-	2	2	-
acres irrigated	3 304	(D)	-	-	(D)	(D)	-
1,000 to 1,999 acres ---- farms	9	-	-	-	1	4	-
acres irrigated	4 526	-	-	-	(D)	1 131	-
2,000 acres or more ---- farms	2	-	-	-	-	1	-
acres irrigated	(D)	-	-	-	-	(D)	-

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
IRRIGATED LAND							
Farms with irrigated land ---- number, 1982	16	11	30	16	30	-	2
1978	12	9	33	17	30	1	-
acres irrigated, 1982	405	816	1 676	364	1 240	-	(D)
1978	179	996	2 370	311	1 293	(D)	-
1982 land in farms:							
1 to 9 acres ---- farms	1	-	4	4	2	-	-
acres irrigated	(D)	-	12	9	(D)	-	-
10 to 49 acres ---- farms	4	1	5	3	13	-	-
acres irrigated	8	(D)	39	10	63	-	-
50 to 69 acres ---- farms	3	-	2	-	3	-	1
acres irrigated	11	-	(D)	-	15	-	(D)
70 to 99 acres ---- farms	-	-	6	1	2	-	-
acres irrigated	-	-	98	(D)	(D)	-	-
100 to 139 acres ---- farms	2	1	2	4	-	-	1
acres irrigated	(D)	(D)	(D)	67	-	-	(D)
140 to 179 acres ---- farms	-	-	-	1	1	-	-
acres irrigated	-	-	-	(D)	(D)	-	-
180 to 219 acres ---- farms	1	-	-	-	2	-	-
acres irrigated	(D)	-	-	-	(D)	-	-
220 to 259 acres ---- farms	-	1	2	1	-	-	-
acres irrigated	-	(D)	(D)	(D)	-	-	-
260 to 499 acres ---- farms	2	4	4	-	2	-	-
acres irrigated	(D)	235	316	-	(D)	-	-
500 to 999 acres ---- farms	2	3	5	1	4	-	-
acres irrigated	(D)	250	1 118	(D)	482	-	-
1,000 to 1,999 acres ---- farms	-	1	-	1	-	-	-
acres irrigated	-	(D)	-	(D)	-	-	-
2,000 acres or more ---- farms	1	-	-	-	1	-	-
acres irrigated	(D)	-	-	-	(D)	-	-

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	80	31	37	14	17	37	32	8
1978	80	26	37	16	15	32	39	2
acres irrigated, 1982	2 591	2 847	3 916	44	1 157	2 174	2 501	103
1978	2 720	936	3 913	63	438	2 192	2 834	(D)
1982 land in farms:								
1 to 9 acres ---- farms	2	2	1	-	1	9	2	-
acres irrigated	(D)	(D)	(D)	-	(D)	24	(D)	-
10 to 49 acres ---- farms	18	6	7	5	4	9	2	4
acres irrigated	(D)	31	75	23	16	56	(D)	38
50 to 69 acres ---- farms	8	1	-	1	-	2	-	-
acres irrigated	211	(D)	-	(D)	-	(D)	-	-
70 to 99 acres ---- farms	11	2	-	2	-	1	2	2
acres irrigated	202	(D)	-	(D)	-	(D)	(D)	(D)
100 to 139 acres ---- farms	10	3	-	1	2	-	2	1
acres irrigated	243	40	-	(D)	(D)	-	(D)	(D)
140 to 179 acres ---- farms	12	-	1	3	1	1	2	1
acres irrigated	363	-	(D)	8	(D)	(D)	(D)	(D)
180 to 219 acres ---- farms	8	-	2	-	-	1	3	-
acres irrigated	401	-	(D)	-	-	(D)	80	-
220 to 259 acres ---- farms	-	4	5	1	2	1	3	-
acres irrigated	-	589	197	(D)	(D)	(D)	90	-
260 to 499 acres ---- farms	5	4	3	1	3	3	9	-
acres irrigated	279	333	272	(D)	327	323	464	-
500 to 999 acres ---- farms	3	3	11	-	4	5	4	-
acres irrigated	380	540	2 053	-	501	1 135	890	-
1,000 to 1,999 acres ---- farms	3	6	6	-	-	1	3	-
acres irrigated	343	1 306	1 030	-	-	(D)	789	-
2,000 acres or more ---- farms	-	-	1	-	-	4	-	-
acres irrigated	-	-	(D)	-	-	565	-	-

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	5	12	34	122	12	130	-	2
1978	5	16	44	112	5	125	1	2
acres irrigated, 1982	541	1 228	5 698	13 196	2 231	4 785	-	(D)
1978	343	940	7 073	7 062	480	5 503	(D)	(D)
1982 land in farms:								
1 to 9 acres ---- farms	-	2	6	37	2	18	-	1
acres irrigated	-	(D)	16	69	(D)	49	-	(D)
10 to 49 acres ---- farms	-	2	5	29	-	47	-	-
acres irrigated	-	(D)	60	119	-	290	-	-
50 to 69 acres ---- farms	-	1	-	2	-	16	-	-
acres irrigated	-	(D)	-	(D)	-	308	-	-
70 to 99 acres ---- farms	-	-	3	2	-	3	-	-
acres irrigated	-	-	92	(D)	-	123	-	-
100 to 139 acres ---- farms	-	1	4	5	-	11	-	1
acres irrigated	-	(D)	140	95	-	361	-	(D)
140 to 179 acres ---- farms	-	1	1	2	2	5	-	-
acres irrigated	-	(D)	(D)	(D)	(D)	105	-	-
180 to 219 acres ---- farms	-	-	4	7	-	3	-	-
acres irrigated	-	-	169	763	-	157	-	-
220 to 259 acres ---- farms	-	-	-	1	1	5	-	-
acres irrigated	-	-	-	(D)	(D)	270	-	-
260 to 499 acres ---- farms	1	3	1	9	3	8	-	-
acres irrigated	(D)	174	(D)	880	246	590	-	-
500 to 999 acres ---- farms	3	-	4	17	4	11	-	-
acres irrigated	(D)	-	735	3 974	1 691	1 702	-	-
1,000 to 1,999 acres ---- farms	1	2	1	7	-	2	-	-
acres irrigated	(D)	(D)	(D)	2 485	-	(D)	-	-
2,000 acres or more ---- farms	-	-	5	4	-	1	-	-
acres irrigated	-	-	3 927	4 431	-	(D)	-	-

Table 4. Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	43	93	31	37	2	1	79	57
1978	44	79	34	39	1	1	83	65
acres irrigated, 1982	2 140	3 141	2 400	1 650	(D)	(D)	1 846	4 486
1978	2 439	2 492	3 174	1 856	(D)	(D)	1 847	2 547
1982 land in farms:								
1 to 9 acres ---- farms	7	2	2	7	-	-	10	1
acres irrigated	16	(D)	(D)	28	-	-	18	(D)
10 to 49 acres ---- farms	11	13	8	12	-	-	34	6
acres irrigated	34	68	51	49	-	-	313	25
50 to 69 acres ---- farms	2	6	1	4	-	-	7	2
acres irrigated	(D)	74	(D)	29	-	-	112	(D)
70 to 99 acres ---- farms	1	15	1	3	-	1	9	7
acres irrigated	(D)	195	(D)	22	-	(D)	161	157
100 to 139 acres ---- farms	5	11	2	-	1	-	5	4
acres irrigated	134	173	(D)	-	(D)	-	255	136
140 to 179 acres ---- farms	5	9	1	2	-	-	1	8
acres irrigated	233	345	(D)	(D)	-	-	(D)	245
180 to 219 acres ---- farms	1	8	1	1	1	-	5	5
acres irrigated	(D)	229	(D)	(D)	(D)	-	316	166
220 to 259 acres ---- farms	2	4	1	2	-	-	1	1
acres irrigated	(D)	235	(D)	(D)	-	-	(D)	(D)
260 to 499 acres ---- farms	5	16	3	2	-	-	5	15
acres irrigated	704	874	126	(D)	-	-	407	1 036
500 to 999 acres ---- farms	3	7	3	3	-	-	2	4
acres irrigated	799	696	200	229	-	-	(D)	1 421
1,000 to 1,999 acres ---- farms	1	1	4	1	-	-	-	4
acres irrigated	(D)	(D)	559	(D)	-	-	-	1 258
2,000 acres or more ---- farms	-	1	4	-	-	-	-	-
acres irrigated	-	(D)	1 409	-	-	-	-	-

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	3	46	15	8	12	20	48	109
1978	5	48	16	7	6	22	46	129
acres irrigated, 1982	(D)	2 495	3 907	73	804	1 206	1 952	25 558
1978	15	1 949	4 756	158	391	1 420	2 900	22 966
1982 land in farms:								
1 to 9 acres ---- farms	-	2	-	-	1	-	8	1
acres irrigated	-	(D)	-	-	(D)	-	21	(D)
10 to 49 acres ---- farms	-	5	2	4	4	2	13	11
acres irrigated	-	22	(D)	20	33	(D)	90	101
50 to 69 acres ---- farms	1	4	-	-	-	1	1	3
acres irrigated	(D)	18	-	-	-	(D)	(D)	7
70 to 99 acres ---- farms	-	2	-	-	-	3	5	2
acres irrigated	-	(D)	-	-	-	4	109	(D)
100 to 139 acres ---- farms	-	9	1	-	-	1	4	4
acres irrigated	-	130	(D)	-	-	(D)	128	130
140 to 179 acres ---- farms	-	3	-	1	-	-	-	5
acres irrigated	-	24	-	(D)	-	-	-	225
180 to 219 acres ---- farms	1	5	-	2	3	1	7	4
acres irrigated	(D)	307	-	(D)	172	(D)	217	280
220 to 259 acres ---- farms	-	2	-	-	-	1	1	5
acres irrigated	-	(D)	-	-	-	(D)	(D)	520
260 to 499 acres ---- farms	-	3	4	1	-	4	1	18
acres irrigated	-	240	273	(D)	-	181	(D)	2 641
500 to 999 acres ---- farms	-	7	5	-	1	6	5	37
acres irrigated	-	1 100	1 268	-	(D)	771	517	9 748
1,000 to 1,999 acres ---- farms	1	4	2	-	2	1	2	17
acres irrigated	(D)	555	(D)	-	(D)	(D)	(D)	8 784
2,000 acres or more ---- farms	-	-	1	-	1	-	1	2
acres irrigated	-	-	(D)	-	(D)	-	(D)	(D)

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	2	40	45	66	66	5	2	10
1978	-	50	42	63	78	5	-	13
acres irrigated, 1982	(D)	6 457	5 041	974	2 900	22	(D)	687
1978	-	1 362	4 123	777	2 745	19	-	747
1982 land in farms:								
1 to 9 acres ---- farms	-	5	1	17	-	-	-	1
acres irrigated	-	8	(D)	34	-	-	-	(D)
10 to 49 acres ---- farms	-	12	8	33	6	4	-	-
acres irrigated	-	80	35	199	78	(D)	-	-
50 to 69 acres ---- farms	-	1	-	3	2	-	-	-
acres irrigated	-	(D)	-	21	(D)	-	-	-
70 to 99 acres ---- farms	-	3	9	3	6	-	-	1
acres irrigated	-	119	270	15	66	-	-	(D)
100 to 139 acres ---- farms	-	4	-	2	7	-	1	-
acres irrigated	-	235	-	(D)	86	-	(D)	-
140 to 179 acres ---- farms	-	-	2	2	4	-	1	1
acres irrigated	-	-	(D)	(D)	139	-	(D)	(D)
180 to 219 acres ---- farms	-	1	2	3	2	-	-	1
acres irrigated	-	(D)	(D)	191	(D)	-	-	(D)
220 to 259 acres ---- farms	-	-	3	1	4	-	-	1
acres irrigated	-	-	242	(D)	100	-	-	(D)
260 to 499 acres ---- farms	1	6	8	1	17	-	-	-
acres irrigated	(D)	276	563	(D)	628	-	-	-
500 to 999 acres ---- farms	1	6	8	-	13	1	-	4
acres irrigated	(D)	354	1 472	-	953	(D)	-	554
1,000 to 1,999 acres ---- farms	-	-	3	1	3	-	-	1
acres irrigated	-	-	1 282	(D)	227	-	-	(D)
2,000 acres or more ---- farms	-	2	1	-	2	-	-	-
acres irrigated	-	(D)	(D)	-	(D)	-	-	-

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	1	5	229	16	3	47	21	206
1978	2	3	219	6	2	33	19	180
acres irrigated, 1982	(D)	194	8 796	1 155	(D)	1 185	392	56 881
1978	(D)	(D)	7 341	162	(D)	961	604	40 366
1982 land in farms:								
1 to 9 acres ---- farms	-	-	32	-	1	10	2	2
acres irrigated	-	-	59	-	(D)	17	(D)	(D)
10 to 49 acres ---- farms	-	1	82	-	1	19	9	6
acres irrigated	-	(D)	818	-	(D)	153	92	(D)
50 to 69 acres ---- farms	-	-	20	-	-	2	1	4
acres irrigated	-	-	420	-	-	(D)	(D)	151
70 to 99 acres ---- farms	1	1	27	-	-	5	-	12
acres irrigated	(D)	(D)	1 134	-	-	111	-	733
100 to 139 acres ---- farms	-	-	15	1	1	-	2	5
acres irrigated	-	-	462	(D)	(D)	-	(D)	380
140 to 179 acres ---- farms	-	-	11	1	-	1	5	22
acres irrigated	-	-	314	(D)	-	(D)	199	2 220
180 to 219 acres ---- farms	-	1	8	-	-	1	-	15
acres irrigated	-	(D)	545	-	-	(D)	-	1 925
220 to 259 acres ---- farms	-	-	8	1	-	1	-	10
acres irrigated	-	-	781	(D)	-	(D)	-	1 217
260 to 499 acres ---- farms	-	-	9	5	-	2	1	50
acres irrigated	-	-	653	374	-	(D)	(D)	9 465
500 to 999 acres ---- farms	-	2	9	7	-	4	1	60
acres irrigated	-	(D)	1 339	677	-	387	(D)	19 014
1,000 to 1,999 acres ---- farms	-	-	5	-	-	2	-	16
acres irrigated	-	-	510	-	-	(D)	-	13 660
2,000 acres or more ---- farms	-	-	3	1	-	-	-	4
acres irrigated	-	-	1 761	(D)	-	-	-	8 033

Table 4. **Land in Farms, Harvested Cropland, and Irrigated Land: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
IRRIGATED LAND								
Farms with irrigated land ---- number, 1982	31	1	22	27	127	62	64	7
1978	19	1	18	22	147	59	60	9
acres irrigated, 1982	1 466	(D)	517	2 251	17 700	4 436	486	(D)
1978	938	(D)	1 193	2 235	12 591	3 692	559	269
1982 land in farms:								
1 to 9 acres ---- farms	2	-	3	3	5	7	28	-
acres irrigated	(D)	-	3	11	7	17	46	-
10 to 49 acres ---- farms	11	-	8	3	23	19	23	3
acres irrigated	61	-	58	9	224	104	96	6
50 to 69 acres ---- farms	3	-	-	2	9	7	-	-
acres irrigated	85	-	-	(D)	135	128	-	-
70 to 99 acres ---- farms	1	-	-	4	12	3	1	1
acres irrigated	(D)	-	-	111	262	106	(D)	(D)
100 to 139 acres ---- farms	3	1	1	-	11	3	2	1
acres irrigated	44	(D)	(D)	-	335	162	(D)	(D)
140 to 179 acres ---- farms	-	-	1	2	9	2	3	-
acres irrigated	-	-	(D)	(D)	527	(D)	24	-
180 to 219 acres ---- farms	3	-	4	2	12	2	2	1
acres irrigated	43	-	6	(D)	779	(D)	(D)	(D)
220 to 259 acres ---- farms	-	-	-	-	10	3	1	-
acres irrigated	-	-	-	-	709	74	(D)	-
260 to 499 acres ---- farms	4	-	2	3	15	3	3	1
acres irrigated	455	-	(D)	532	1 331	215	37	(D)
500 to 999 acres ---- farms	2	-	1	4	15	7	-	-
acres irrigated	(D)	-	(D)	670	2 895	902	-	-
1,000 to 1,999 acres ---- farms	2	-	2	4	3	6	1	-
acres irrigated	(D)	-	(D)	570	802	2 606	(D)	-
2,000 acres or more ---- farms	-	-	-	-	3	-	-	-
acres irrigated	-	-	-	-	9 694	-	-	-

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS								
Land in farms	farms, 1982	58 661	295	76	1 831	442	279	377
	1978	60 426	287	94	1 923	450	268	430
	acres, 1982	10 942 172	53 183	17 700	266 977	80 773	63 157	90 497
	1978	11 038 419	55 630	21 971	261 199	79 758	63 734	97 685
Harvested cropland	farms, 1982	53 738	268	73	1 637	418	241	354
	1978	57 294	272	86	1 782	425	246	418
	acres, 1982	7 255 909	19 700	6 469	185 981	34 934	28 831	58 698
	1978	6 774 229	18 577	8 113	161 725	33 241	25 470	59 491
TENURE OF OPERATOR								
Full owners	farms, 1982	35 489	200	47	1 189	299	189	201
	1978	37 025	183	61	1 248	333	175	228
	acres, 1982	3 989 535	27 114	7 634	92 937	41 551	29 864	29 414
	1978	4 256 235	26 570	11 526	107 108	46 205	28 061	31 808
Harvested cropland	farms, 1982	31 141	175	45	1 009	278	156	179
	1978	34 236	169	54	1 125	309	154	217
	acres, 1982	2 024 526	7 361	2 074	47 610	13 486	9 344	14 642
	1978	2 051 593	7 576	(D)	54 728	14 983	8 372	15 972
Part owners	farms, 1982	19 523	79	29	565	130	78	145
	1978	19 570	92	32	580	111	82	173
	acres, 1982	6 413 590	21 785	10 066	163 061	35 926	30 658	55 844
	1978	6 174 446	27 270	(D)	143 734	32 955	34 027	62 115
Owned land in farms	acres, 1982	3 417 336	11 782	6 741	90 531	21 206	18 687	35 039
	1978	3 323 020	13 721	7 630	85 135	19 339	21 539	40 057
Rented land in farms	acres, 1982	2 996 254	10 003	3 325	72 530	14 720	11 971	20 805
	1978	2 851 426	13 549	(D)	58 599	13 616	12 488	22 058
Harvested cropland	farms, 1982	19 160	77	28	555	129	75	144
	1978	19 384	91	31	571	110	82	172
	acres, 1982	4 806 741	10 198	4 395	128 783	19 652	17 572	40 019
	1978	4 274 641	10 580	4 603	99 819	17 901	16 249	40 674
Tenants	farms, 1982	3 649	16	-	77	13	12	31
	1978	3 831	12	1	95	6	11	29
	acres, 1982	539 047	4 284	-	10 979	3 296	2 635	5 239
	1978	607 738	1 790	(D)	10 357	598	1 646	3 762
Harvested cropland	farms, 1982	3 437	16	-	73	11	10	31
	1978	3 674	12	1	86	6	10	29
	acres, 1982	424 642	2 141	-	9 588	1 796	1 915	4 037
	1978	447 995	421	(D)	7 178	357	849	2 845
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	47 559	226	65	1 509	361	219	302
	1978	48 475	234	78	1 573	361	209	345
Not on farm operated	1982	6 651	42	7	189	45	40	38
	1978	6 709	31	4	185	43	33	52
Not reported	1982	4 451	27	4	133	36	20	37
	1978	5 242	22	12	165	46	26	33
Operators by principal occupation:								
Farming	1982	30 107	157	45	904	199	148	235
	1978	29 296	134	41	973	182	144	257
Other	1982	28 554	138	31	927	243	131	142
	1978	31 130	153	53	950	268	124	173
Operators by days of work off farm:								
None	1982	21 350	105	35	702	133	114	174
	1978	21 888	99	35	675	143	115	187
Any	1982	33 579	166	36	1 024	287	150	174
	1978	36 289	181	57	1 161	294	143	227
1 to 49 days	1982	3 362	16	2	90	32	17	20
	1978	3 797	30	6	110	33	25	31
50 to 99 days	1982	1 656	9	6	44	13	10	17
	1978	1 657	9	1	74	10	9	11
100 to 149 days	1982	1 964	6	3	47	17	17	13
	1978	1 790	21	6	64	13	9	7
150 to 199 days	1982	3 416	35	1	107	55	16	11
	1978	2 991	16	5	105	34	18	16
200 days or more	1982	23 181	100	24	736	170	90	113
	1978	26 054	105	39	808	204	82	162
Not reported	1982	3 732	24	5	105	22	15	29
	1978	2 249	7	2	87	13	10	16
1982 operators by years on present farm:								
2 years or less		2 895	12	2	77	20	14	19
3 or 4 years		4 758	29	13	132	34	37	22
5 to 9 years		9 195	46	15	295	69	46	40
10 years or more		31 647	152	38	1 030	254	136	208
Average years on present farm		18.5	19.9	16.2	18.5	18.0	17.7	20.3
Not reported		10 166	56	8	297	65	46	88
Operators by age group:								
Under 25 years	1982	1 630	4	1	45	11	3	16
	1978	1 585	10	1	44	8	1	20
25 to 34 years	1982	7 874	34	13	272	59	34	46
	1978	7 697	27	12	262	54	41	37
35 to 44 years	1982	13 278	56	18	428	88	66	81
	1978	12 856	61	18	419	102	43	107
45 to 54 years	1982	13 422	62	9	410	105	64	83
	1978	14 922	56	22	453	106	59	104
55 to 64 years	1982	13 356	54	22	374	100	66	88
	1978	14 461	74	30	469	113	70	88
65 years and over	1982	9 101	85	13	302	79	46	63
	1978	8 905	59	11	276	67	54	74
Average age	1982	49.5	52.8	49.7	49.3	50.1	50.4	49.8
	1978	49.7	51.8	50.5	49.5	50.1	51.9	49.9

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS								
Land in farms	farms, 1982	74	1 061	1 072	184	1 777	1 170	1 281
	1978	93	1 033	1 168	176	1 926	1 196	1 307
	acres, 1982	16 827	188 096	180 152	26 120	189 912	243 076	266 680
	1978	19 562	180 832	183 759	26 802	197 025	242 233	256 095
Harvested cropland	farms, 1982	73	955	1 020	172	1 682	1 090	1 175
	1978	80	975	1 144	164	1 860	1 136	1 237
	acres, 1982	4 807	110 001	151 933	8 290	130 186	167 060	177 204
	1978	4 821	97 763	148 160	7 874	122 756	156 136	151 254
TENURE OF OPERATOR								
Full owners	farms, 1982	51	688	525	131	1 199	717	783
	1978	65	692	592	133	1 343	759	889
	acres, 1982	9 539	83 141	47 268	14 853	71 432	91 099	95 798
	1978	11 686	86 732	46 208	15 980	85 336	93 175	113 350
Harvested cropland	farms, 1982	50	588	483	120	1 111	644	688
	1978	53	639	570	121	1 285	704	827
	acres, 1982	2 220	37 176	33 185	3 685	38 983	54 214	48 206
	1978	(D)	36 611	31 481	3 551	43 734	51 482	54 522
Part owners	farms, 1982	23	329	435	45	463	369	408
	1978	27	300	453	38	475	364	343
	acres, 1982	7 288	99 751	122 375	10 835	108 909	139 853	154 206
	1978	(D)	87 728	122 519	10 423	101 539	138 224	127 869
Owned land in farms	acres, 1982	4 425	53 106	62 264	6 519	58 993	75 135	81 043
	1978	4 523	50 732	60 111	6 845	57 031	75 965	69 798
Rented land in farms	acres, 1982	2 863	46 645	60 111	4 316	49 916	64 718	73 163
	1978	(D)	36 996	62 408	3 578	44 508	62 259	58 071
Harvested cropland	farms, 1982	23	326	428	44	458	365	403
	1978	26	298	452	38	468	364	341
	acres, 1982	2 587	69 082	109 026	4 426	83 264	102 996	115 814
	1978	3 021	57 028	103 433	4 214	71 938	95 988	86 825
Tenants	farms, 1982	-	44	112	8	115	84	90
	1978	1	41	123	5	108	73	75
	acres, 1982	-	5 204	10 509	432	9 571	12 124	16 676
	1978	(D)	6 372	15 032	399	10 150	10 834	14 876
Harvested cropland	farms, 1982	-	41	109	8	113	81	84
	1978	1	38	122	5	107	68	69
	acres, 1982	-	3 743	9 722	179	7 939	9 850	13 184
	1978	(D)	4 124	13 246	109	7 084	8 666	9 907
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	68	895	807	139	1 431	902	1 048
	1978	70	872	910	128	1 549	919	1 081
Not on farm operated	1982	3	88	158	34	213	143	134
	1978	11	79	135	30	210	150	126
Not reported	1982	3	78	107	11	133	125	99
	1978	12	82	123	18	167	127	100
Operators by principal occupation:								
Farming	1982	36	485	594	95	908	588	636
	1978	41	445	591	80	943	559	548
Other	1982	38	576	478	89	869	582	645
	1978	52	588	577	96	983	637	759
Operators by days of work off farm:								
None	1982	29	348	394	53	679	401	428
	1978	35	327	414	54	734	389	435
Any	1982	40	656	597	117	1 006	688	775
	1978	58	657	709	116	1 126	760	825
1 to 49 days	1982	2	61	73	9	101	58	75
	1978	8	67	93	17	106	82	68
50 to 99 days	1982	2	38	30	10	56	24	41
	1978	2	28	28	6	68	34	32
100 to 149 days	1982	7	31	49	9	64	42	39
	1978	1	18	32	13	55	38	27
150 to 199 days	1982	4	54	50	24	80	68	78
	1978	1	56	60	6	94	44	60
200 days or more	1982	25	472	395	65	705	496	542
	1978	46	488	496	74	803	562	638
Not reported	1982	5	57	81	14	92	81	78
	1978	-	49	45	6	66	47	47
1982 operators by years on present farm:								
2 years or less		4	59	56	6	73	64	60
3 or 4 years		3	85	66	20	128	88	104
5 to 9 years		19	169	145	35	249	174	209
10 years or more		36	589	599	94	1 035	607	701
Average years on present farm		17.8	17.8	20.1	17.2	20.8	17.6	18.2
Not reported		12	159	206	29	292	237	207
Operators by age group:								
Under 25 years	1982	-	24	48	3	47	47	45
	1978	1	14	49	3	31	41	40
25 to 34 years	1982	12	127	159	22	174	174	169
	1978	17	146	161	21	209	178	134
35 to 44 years	1982	17	255	229	36	324	289	277
	1978	20	225	225	34	327	287	283
45 to 54 years	1982	9	270	231	42	350	244	336
	1978	10	255	287	34	473	274	362
55 to 64 years	1982	17	231	265	48	501	256	255
	1978	23	214	303	46	494	253	280
65 years and over	1982	19	154	140	33	381	160	199
	1978	22	179	143	38	392	163	208
Average age	1982	52.0	49.5	48.3	50.8	52.6	48.2	49.2
	1978	50.8	50.0	49.0	52.5	52.1	48.3	49.9

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS								
Land in farms	farms, 1982	1 022	256	197	378	317	1 518	18
	1978	1 066	247	221	369	313	1 517	16
	acres, 1982	198 663	47 049	46 088	99 182	76 351	266 736	1 604
	1978	199 277	47 664	50 395	99 716	71 709	260 251	2 090
Harvested cropland	farms, 1982	913	228	176	352	275	1 425	16
	1978	995	231	207	351	284	1 473	14
	acres, 1982	129 918	19 171	16 208	45 462	33 519	200 167	(D)
	1978	117 695	19 545	16 983	46 046	26 950	179 548	315
TENURE OF OPERATOR								
Full owners	farms, 1982	634	172	120	239	211	965	10
	1978	670	154	142	231	200	990	13
	acres, 1982	78 699	22 518	18 848	45 154	36 457	104 572	761
	1978	87 402	19 358	20 607	47 256	35 852	117 216	1 340
Harvested cropland	farms, 1982	534	145	105	217	180	878	8
	1978	609	141	128	217	179	948	11
	acres, 1982	41 220	6 519	(D)	17 233	11 083	69 189	(D)
	1978	43 146	5 459	5 585	19 116	10 412	72 237	169
Part owners	farms, 1982	330	74	73	130	94	450	8
	1978	331	86	75	132	92	416	3
	acres, 1982	112 972	23 022	27 035	53 063	35 649	146 703	843
	1978	98 974	27 298	26 720	51 116	32 402	125 737	750
Owned land in farms	acres, 1982	65 207	14 977	17 134	32 092	19 175	75 903	313
	1978	58 439	15 226	15 815	29 440	19 204	67 081	190
Rented land in farms	acres, 1982	47 765	8 045	9 901	20 971	16 474	70 800	530
	1978	40 535	12 072	10 905	21 676	13 198	58 656	560
Harvested cropland	farms, 1982	325	74	70	127	86	447	8
	1978	324	84	75	129	87	415	3
	acres, 1982	83 124	11 933	11 806	27 828	20 681	119 235	248
	1978	66 643	13 666	10 713	26 381	14 977	94 578	146
Tenants	farms, 1982	58	10	4	9	12	103	-
	1978	65	7	4	6	21	111	-
	acres, 1982	6 992	1 509	205	965	4 245	15 461	-
	1978	12 901	1 008	3 068	1 344	3 455	17 298	-
Harvested cropland	farms, 1982	54	9	1	8	9	100	-
	1978	62	6	4	5	18	110	-
	acres, 1982	5 574	719	(D)	401	1 755	11 743	-
	1978	7 906	420	685	549	1 561	12 733	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	839	215	165	319	265	1 240	17
	1978	860	193	184	301	244	1 239	15
Not on farm operated	1982	114	23	18	37	25	176	1
	1978	102	25	10	40	33	158	1
Not reported	1982	69	18	14	22	27	102	-
	1978	104	29	27	28	36	120	-
Operators by principal occupation:								
Farming	1982	512	131	93	198	166	721	7
	1978	500	125	79	176	146	693	5
Other	1982	510	125	104	180	151	797	11
	1978	566	122	142	193	167	824	11
Operators by days of work off farm:								
None	1982	357	89	55	128	112	516	6
	1978	366	80	64	123	105	525	5
Any	1982	611	153	128	232	184	899	11
	1978	659	156	150	231	191	933	10
1 to 49 days	1982	72	13	15	27	18	62	1
	1978	87	17	11	23	18	76	1
50 to 99 days	1982	27	6	7	14	9	29	-
	1978	32	5	4	10	8	23	2
100 to 149 days	1982	27	13	8	21	11	50	2
	1978	34	8	7	9	15	32	1
150 to 199 days	1982	66	21	22	40	27	66	-
	1978	37	17	25	18	24	60	-
200 days or more	1982	419	100	76	130	119	692	8
	1978	469	109	103	171	126	742	6
Not reported	1982	54	14	14	18	21	103	1
	1978	41	11	7	15	17	59	1
1982 operators by years on present farm:								
2 years or less		53	10	17	19	12	73	1
3 or 4 years		92	25	11	24	30	127	4
5 to 9 years		152	48	29	66	51	195	4
10 years or more		551	123	112	208	164	861	7
Average years on present farm		18.3	16.2	18.5	17.4	19.4	19.3	18.1
Not reported		174	50	28	61	60	262	2
Operators by age group:								
Under 25 years	1982	20	7	-	5	8	52	-
	1978	25	6	4	6	5	59	-
25 to 34 years	1982	176	30	25	39	31	210	1
	1978	168	29	27	36	41	214	1
35 to 44 years	1982	220	63	44	97	77	361	3
	1978	217	45	50	82	74	323	3
45 to 54 years	1982	201	59	45	105	76	366	6
	1978	238	64	44	103	70	392	5
55 to 64 years	1982	244	50	49	76	62	335	3
	1978	264	58	62	81	72	318	3
65 years and over	1982	161	47	34	56	63	194	5
	1978	154	45	34	61	51	211	4
Average age	1982	49.2	49.9	51.3	49.7	50.5	48.6	54.0
	1978	49.2	50.6	50.4	50.5	49.7	48.4	53.1

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS								
Land in farms	farms, 1982	315	123	1 372	253	990	433	82
	1978	332	116	1 398	230	990	419	72
	acres, 1982	81 335	32 576	244 551	47 865	160 825	74 013	10 889
	1978	92 203	33 390	239 006	47 685	156 560	74 712	10 557
Harvested cropland	farms, 1982	280	114	1 245	222	916	390	71
	1978	305	112	1 347	222	940	401	65
	acres, 1982	26 949	12 180	166 593	16 173	117 923	38 787	(D)
	1978	29 103	11 355	150 844	16 549	110 175	34 858	(D)
TENURE OF OPERATOR								
Full owners	farms, 1982	205	67	839	171	537	273	56
	1978	229	69	817	163	542	276	42
	acres, 1982	42 330	12 127	83 758	23 213	45 929	34 249	5 349
	1978	50 075	16 317	84 148	25 171	43 114	35 225	4 530
Harvested cropland	farms, 1982	172	60	724	144	472	238	46
	1978	204	65	770	155	500	259	37
	ecres, 1982	10 611	3 803	44 760	5 046	25 215	14 103	(D)
	1978	13 408	4 596	42 046	6 733	23 265	14 020	(D)
Part owners	farms, 1982	106	49	442	69	388	149	26
	1978	95	44	477	63	371	134	29
	acres, 1982	38 505	18 789	148 999	22 486	104 674	38 445	5 540
	1978	40 528	16 692	138 749	21 575	103 082	38 189	(D)
Owned land in farms	acres, 1982	28 093	14 193	74 087	13 066	42 835	21 270	3 271
	1978	31 217	12 436	70 232	12 724	39 866	21 641	3 472
Rented land in farms	ecres, 1982	10 412	4 596	74 912	9 420	61 839	17 175	2 269
	1978	9 311	4 256	68 517	8 851	63 216	16 548	(D)
Harvested cropland	farms, 1982	104	48	435	66	379	142	25
	1978	93	44	474	63	367	133	28
	acres, 1982	15 984	7 728	112 886	10 334	84 095	23 865	2 075
	1978	14 510	6 505	96 843	9 448	78 997	19 997	2 141
Tenants	farms, 1982	4	7	91	13	65	11	-
	1978	8	3	104	4	77	9	1
	acres, 1982	500	1 660	11 794	2 166	10 222	1 319	-
	1978	1 600	381	16 109	939	10 364	1 298	(D)
Harvested cropland	farms, 1982	4	6	86	12	65	10	-
	1978	8	3	103	4	73	9	-
	acres, 1982	354	649	8 947	793	8 613	819	-
	1978	1 185	254	11 955	368	7 913	841	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	277	105	1 142	199	813	360	68
	1978	276	104	1 127	183	797	347	58
Not on farm operated	1982	16	9	128	37	115	51	7
	1978	21	6	139	23	115	29	4
Not reported	1982	22	9	102	17	62	22	7
	1978	35	6	132	24	78	43	10
Operators by principal occupation:								
Farming	1982	172	63	611	109	430	205	27
	1978	167	60	573	113	394	176	30
Other	1982	143	60	761	144	560	228	55
	1978	165	56	825	117	596	243	42
Operators by days of work off ferm:								
None	1982	112	50	413	87	317	151	28
	1978	140	43	388	77	334	126	21
Any	1982	183	70	883	147	617	247	52
	1978	184	69	959	137	619	271	51
1 to 49 days	1982	14	9	80	14	39	28	3
	1978	16	5	77	14	43	23	7
50 to 99 days	1982	6	8	35	7	33	17	5
	1978	6	4	46	13	22	7	2
100 to 149 days	1982	19	-	46	19	22	21	4
	1978	10	3	44	7	18	14	3
150 to 199 days	1982	31	9	88	16	61	20	8
	1978	28	1	76	15	46	19	12
200 days or more	1982	113	44	634	91	462	161	32
	1978	124	56	716	88	490	208	27
Not reported	1982	20	3	76	19	56	35	2
	1978	8	4	51	16	37	22	-
1982 operators by years on present farm:								
2 years or less		7	3	77	15	47	32	4
3 or 4 years		27	11	101	14	81	38	3
5 to 9 years		69	20	229	37	176	58	17
10 years or more		175	70	730	133	513	232	47
Average years on present farm		18.7	21.0	18.5	20.5	17.9	19.1	19.0
Not reported		37	19	235	54	173	73	11
Operators by age group:								
Under 25 years	1982	-	2	41	1	15	9	1
	1978	7	2	48	4	30	1	2
25 to 34 years	1982	47	16	192	39	121	50	9
	1978	45	6	186	20	113	55	6
35 to 44 years	1982	64	28	316	50	237	103	15
	1978	71	21	314	44	178	96	19
45 to 54 years	1982	79	25	350	44	212	91	17
	1978	80	38	339	62	261	110	10
55 to 64 years	1982	76	27	278	64	234	89	19
	1978	69	33	329	55	228	93	21
65 years and over	1982	49	25	195	55	171	91	21
	1978	60	16	182	45	180	64	14
Average age	1982	50.3	50.8	48.8	51.8	50.3	51.0	52.7
	1978	50.5	52.0	48.7	52.3	50.8	50.2	52.1

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Grand Traversa	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS									
Land in farms	farms, 1982	462	1 215	1 354	195	1 655	1 105	1 187	244
	1978	487	1 334	1 542	212	1 800	1 067	1 232	237
	acres, 1982	74 148	288 828	264 630	35 538	434 975	222 742	242 776	57 463
	1978	75 990	280 016	263 797	41 659	405 649	226 301	244 245	60 079
Harvested cropland	farms, 1982	425	1 142	1 246	182	1 556	976	1 098	228
	1978	472	1 295	1 448	203	1 721	999	1 184	226
	acres, 1982	39 072	236 505	186 636	10 021	358 724	160 037	173 200	25 756
	1978	38 119	209 105	173 331	12 557	309 874	151 990	157 622	23 701
TENURE OF OPERATOR									
Full owners	farms, 1982	327	631	836	134	850	695	753	155
	1978	356	723	1 012	130	935	651	780	146
	acres, 1982	40 108	78 192	93 711	19 811	131 632	70 263	91 095	19 891
	1978	42 965	90 323	102 442	18 798	120 047	74 700	101 605	21 005
Harvested cropland	farms, 1982	293	567	740	121	763	581	672	141
	1978	341	686	928	121	857	590	738	136
	acres, 1982	15 704	56 439	56 307	4 371	96 916	39 359	53 767	7 162
	1978	17 598	60 761	54 646	4 395	79 282	37 165	57 054	6 984
Part owners	farms, 1982	121	483	424	57	645	363	376	83
	1978	116	507	422	76	681	356	390	80
	acres, 1982	30 728	194 173	152 000	15 257	272 644	145 959	143 307	36 643
	1978	29 956	174 274	141 011	21 951	251 615	135 506	134 041	37 175
Owned land in farms	acres, 1982	18 683	97 475	72 752	10 305	145 216	77 970	78 750	17 469
	1978	18 576	86 697	68 419	14 077	133 504	73 185	75 903	19 090
Rented land in farms	acres, 1982	12 045	96 698	79 248	4 952	127 428	67 989	64 557	19 174
	1978	11 380	87 577	72 592	7 874	118 111	62 321	58 138	18 085
Harvested cropland	farms, 1982	118	480	418	57	637	353	370	81
	1978	116	505	416	76	680	354	388	80
	acres, 1982	20 902	166 083	118 049	5 584	234 052	115 453	112 858	18 093
	1978	18 417	135 401	103 139	8 004	201 859	103 417	95 168	15 842
Tenants	farms, 1982	14	101	94	4	160	47	58	6
	1978	15	104	108	6	184	60	62	11
	acres, 1982	3 312	16 463	18 919	470	30 699	6 520	8 374	929
	1978	3 069	15 419	20 344	910	33 987	16 095	8 599	1 899
Harvested cropland	farms, 1982	14	95	88	4	156	42	56	6
	1978	15	104	104	6	184	55	58	10
	acres, 1982	2 466	13 983	12 280	66	27 756	5 225	6 575	501
	1978	2 104	12 943	15 546	158	28 733	11 408	5 400	875
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	369	984	1 104	171	1 214	902	1 001	194
	1978	372	1 079	1 209	193	1 365	860	1 032	188
Not on farm operated	1982	65	127	142	11	229	122	98	29
	1978	76	142	172	13	243	116	109	28
Not reported	1982	28	104	108	13	212	81	88	21
	1978	39	113	161	6	192	91	91	21
Operators by principal occupation:									
Farming	1982	252	742	690	91	1 304	490	620	116
	1978	249	746	686	96	1 329	488	625	99
Other	1982	210	473	664	104	351	615	567	128
	1978	238	588	856	116	471	579	607	138
Operators by days of work off farm:									
None	1982	165	506	440	70	875	339	449	90
	1978	173	545	501	80	950	383	461	88
Any	1982	271	618	801	117	581	695	679	143
	1978	289	737	976	127	754	649	704	143
1 to 49 days	1982	31	79	86	11	118	71	57	13
	1978	43	92	84	15	134	76	55	11
50 to 99 days	1982	15	37	34	6	46	22	29	3
	1978	12	49	42	11	52	20	18	3
100 to 149 days	1982	27	38	33	13	52	26	35	9
	1978	16	35	47	8	79	13	26	10
150 to 199 days	1982	39	47	92	18	67	64	53	19
	1978	24	60	75	24	74	37	41	20
200 days or more	1982	159	417	556	69	298	512	505	99
	1978	194	501	728	69	415	503	564	99
Not reported	1982	26	91	113	8	199	71	59	11
	1978	25	52	65	5	96	35	67	6
1982 operators by years on present farm:									
2 years or less		13	58	81	8	76	48	58	11
3 or 4 years		38	85	119	15	101	108	113	24
5 to 9 years		73	167	226	34	189	205	161	41
10 years or more		264	689	718	111	894	546	660	124
Average years on present farm		19.5	20.0	16.7	19.1	21.1	17.3	18.3	17.9
Not reported		74	216	210	27	395	198	195	44
Operators by age group:									
Under 25 years	1982	3	42	35	1	81	27	41	3
	1978	6	46	42	1	89	22	32	6
25 to 34 years	1982	55	175	206	36	281	122	149	27
	1978	58	220	185	26	252	136	187	21
35 to 44 years	1982	99	305	319	32	332	286	314	34
	1978	100	286	344	37	338	260	298	40
45 to 54 years	1982	122	247	295	47	334	265	264	70
	1978	128	312	413	54	427	277	299	57
55 to 64 years	1982	113	289	299	41	438	248	268	70
	1978	109	321	343	61	481	218	254	68
65 years and over	1982	70	157	200	38	189	157	151	40
	1978	86	149	215	33	213	154	162	45
Average age	1982	50.7	48.1	48.8	50.1	47.7	49.3	48.5	51.5
	1978	50.7	48.0	49.4	51.3	48.4	49.0	48.2	52.6

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Kaweenaw	Lake
FARMS									
Land in farms	farms, 1982	98	1 016	1 242	961	91	1 524	4	123
	1978	92	999	1 190	976	92	1 461	5	126
	acres, 1982	29 025	200 872	235 184	177 191	17 685	223 215	390	21 883
	1978	26 142	201 906	242 219	174 980	19 759	229 513	260	23 496
Harvested cropland	farms, 1982	89	947	1 145	867	75	1 360	1	105
	1978	90	943	1 101	903	83	1 382	2	116
	acres, 1982	8 551	138 700	147 343	119 609	8 143	146 441	(D)	7 529
	1978	7 620	128 362	139 676	110 087	7 320	145 605	(D)	6 321
TENURE OF OPERATOR									
Full owners	farms, 1982	58	607	799	634	61	934	2	91
	1978	53	610	756	619	75	881	4	89
	acres, 1982	12 375	73 370	87 328	67 603	(D)	84 735	(D)	13 884
	1978	12 991	81 337	80 029	61 500	14 814	85 566	(D)	13 694
Harvested cropland	farms, 1982	51	545	712	548	46	793	1	74
	1978	51	555	673	556	66	818	2	79
	acres, 1982	3 224	41 301	39 433	32 503	(D)	45 063	(D)	(D)
	1978	(D)	41 870	32 276	30 168	(D)	44 987	(D)	(D)
Part owners	farms, 1982	36	364	372	281	28	511	1	30
	1978	37	338	376	306	16	503	-	35
	acres, 1982	15 820	120 756	138 089	101 247	7 685	131 022	(D)	(D)
	1978	(D)	111 728	154 396	104 324	(D)	134 008	-	(D)
Owned land in farms	acres, 1982	10 950	67 496	71 362	46 722	4 684	73 072	(D)	(D)
	1978	8 660	61 441	80 505	47 853	1 923	77 825	-	4 750
Rented land in farms	acres, 1982	4 870	53 260	66 727	54 525	3 001	57 950	(D)	4 029
	1978	(D)	50 287	73 891	56 471	(D)	56 183	-	(D)
Harvested cropland	farms, 1982	34	359	366	277	27	499	-	29
	1978	37	337	374	302	16	496	-	35
	acres, 1982	5 157	91 708	100 434	79 736	5 036	95 874	-	4 081
	1978	4 474	79 900	102 345	73 174	2 588	93 622	-	2 780
Tenants	farms, 1982	4	45	71	46	2	79	1	2
	1978	2	51	58	51	1	77	1	2
	acres, 1982	830	6 746	9 767	8 341	(D)	7 458	(D)	(D)
	1978	(D)	8 841	7 794	9 156	(D)	9 939	(D)	(D)
Harvested cropland	farms, 1982	4	43	67	42	2	68	-	2
	1978	2	51	54	45	1	68	-	2
	acres, 1982	170	5 691	7 476	7 370	(D)	5 504	-	(D)
	1978	(D)	6 592	5 055	6 745	(D)	6 996	-	(D)
OPERATOR CHARACTERISTICS									
Operators by place of residance:									
On farm operated	1982	82	815	1 014	771	83	1 272	2	108
	1978	70	797	964	769	68	1 200	3	104
Not on farm operated	1982	10	100	139	118	6	159	2	8
	1978	11	107	132	122	9	146	2	15
Not reportad	1982	6	101	89	72	2	93	-	7
	1978	11	95	94	85	15	115	-	7
Operators by principal occupation:									
Farming	1982	45	526	529	427	36	706	2	47
	1978	39	502	491	437	33	704	1	51
Other	1982	53	490	713	534	55	818	2	76
	1978	53	497	699	539	59	757	4	75
Operators by days of work off farm:									
None	1982	32	373	373	314	29	512	1	44
	1978	24	399	392	346	31	538	2	39
Any	1982	59	563	802	585	56	934	3	77
	1978	65	570	761	595	59	871	3	83
1 to 49 days	1982	5	39	79	39	7	81	1	9
	1978	7	49	73	50	4	72	1	12
50 to 99 days	1982	3	28	36	29	2	43	-	1
	1978	2	28	21	29	3	49	-	2
100 to 149 days	1982	5	29	48	30	4	52	-	6
	1978	6	20	40	22	2	40	-	5
150 to 199 days	1982	7	66	76	52	1	81	-	4
	1978	5	41	54	46	2	60	-	5
200 days or more	1982	39	401	563	435	42	677	2	57
	1978	45	432	573	448	48	650	2	59
Not reportad	1982	7	80	67	62	6	78	-	2
	1978	3	30	37	35	2	52	-	4
1982 operators by years on present farm:									
2 years or less		5	45	68	50	6	82	-	3
3 or 4 years		9	65	124	93	12	134	2	11
5 to 9 years		14	162	206	171	17	250	-	23
10 years or more		56	516	838	491	45	823	2	66
Average years on present farm		19.3	18.4	17.9	16.7	18.4	18.0	26.5	19.1
Not reportad		14	228	206	156	11	235	-	20
Operators by age group:									
Under 25 years	1982	-	30	34	12	1	34	-	-
	1978	4	19	17	15	-	32	-	1
25 to 34 years	1982	12	137	161	124	10	209	-	17
	1978	7	121	139	111	9	210	2	23
35 to 44 years	1982	17	210	290	205	24	364	2	41
	1978	18	209	264	217	24	329	-	20
45 to 54 years	1982	30	239	277	262	21	377	-	13
	1978	23	256	296	269	27	374	-	18
55 to 64 years	1982	22	246	280	220	17	324	-	29
	1978	33	273	277	219	23	317	-	41
65 years and over	1982	17	154	200	138	18	216	2	23
	1978	7	121	197	145	9	199	3	23
Average age	1982	51.0	49.6	49.8	49.9	50.6	49.0	55.0	49.7
	1978	50.0	49.8	50.6	50.1	49.4	48.9	54.8	51.1

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Characteristics		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS									
Land in farms	farms, 1982	1 361	429	1 619	884	30	96	819	304
	1978	1 323	420	1 840	792	30	87	838	341
	acres, 1982	225 945	72 455	376 296	137 918	10 813	31 120	91 222	49 377
	1978	233 427	72 351	373 727	136 212	11 402	27 861	89 489	57 183
Harvested cropland	farms, 1982	1 219	408	1 490	753	29	91	751	279
	1978	1 245	410	1 749	722	27	80	797	329
	acres, 1982	147 303	31 464	310 907	85 977	3 543	12 218	68 048	18 837
	1978	144 324	28 639	296 952	79 681	2 813	10 706	61 443	19 302
TENURE OF OPERATOR									
Full owners	farms, 1982	819	307	801	553	13	64	441	215
	1978	787	315	958	477	11	55	479	241
	acres, 1982	74 002	38 728	87 241	52 171	3 546	15 673	24 443	29 049
	1978	75 013	43 374	90 342	52 985	(D)	15 418	30 329	35 717
Harvested cropland	farms, 1982	689	292	689	439	13	59	380	195
	1978	719	308	875	413	11	50	446	231
	acres, 1982	37 211	14 476	59 847	24 141	949	(D)	13 888	9 046
	1978	36 676	15 171	61 343	22 044	(D)	(D)	16 523	9 557
Part owners	farms, 1982	460	102	637	290	17	31	284	78
	1978	450	86	670	269	18	31	281	84
	acres, 1982	137 777	30 872	266 335	78 368	7 267	(D)	54 381	18 748
	1978	142 991	26 561	251 432	74 507	(D)	(D)	50 381	18 929
Owned land in farms	acres, 1982	71 460	22 692	124 842	35 321	3 928	10 395	24 517	10 824
	1978	70 582	18 208	121 284	36 880	4 069	7 590	22 420	11 562
Rented land in farms	acres, 1982	66 317	8 180	141 493	43 047	3 339	(D)	29 864	7 924
	1978	72 409	8 353	130 148	37 627	(D)	(D)	27 961	7 367
Harvested cropland	farms, 1982	453	98	627	279	16	31	281	73
	1978	444	85	668	268	15	29	277	82
	acres, 1982	99 919	15 879	231 095	56 495	2 594	7 304	43 436	8 870
	1978	97 402	12 613	208 497	51 286	2 070	5 847	38 333	8 058
Tenants	farms, 1982	82	20	181	41	–	1	94	11
	1978	86	19	212	46	1	1	78	16
	acres, 1982	14 166	2 855	22 720	7 379	–	(D)	12 398	1 580
	1978	15 423	2 416	31 953	8 720	(D)	(D)	8 779	2 537
Harvested cropland	farms, 1982	77	18	174	35	–	1	90	11
	1978	82	17	206	41	1	1	74	16
	acres, 1982	10 173	1 109	19 965	5 341	–	(D)	10 724	921
	1978	10 246	855	27 112	6 351	(D)	(D)	6 587	1 687
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	1 153	326	1 284	746	29	77	627	236
	1978	1 082	315	1 464	655	24	70	662	260
Not on farm operated	1982	124	85	215	79	1	10	116	51
	1978	137	79	252	92	3	6	98	53
Not reported	1982	84	18	120	59	–	9	76	17
	1978	104	26	124	45	3	11	78	28
Operators by principal occupation:									
Farming	1982	645	240	858	365	18	59	458	144
	1978	603	237	888	346	11	52	435	142
Other	1982	716	189	761	519	12	37	361	160
	1978	720	183	952	446	19	35	403	199
Operators by days of work off farm:									
None	1982	469	156	555	273	10	41	341	111
	1978	449	153	584	272	10	35	358	105
Any	1982	814	258	953	560	19	49	412	180
	1978	839	252	1 195	480	20	50	446	228
1 to 49 days	1982	54	38	108	61	8	4	41	27
	1978	88	35	138	37	3	5	51	30
50 to 99 days	1982	49	14	40	21	1	2	13	6
	1978	28	10	46	17	–	4	15	11
100 to 149 days	1982	39	22	67	30	–	2	16	9
	1978	41	24	66	19	–	1	27	9
150 to 199 days	1982	81	25	87	47	2	6	36	43
	1978	63	35	82	32	1	6	27	27
200 days or more	1982	591	159	651	401	8	35	306	95
	1978	619	148	863	375	16	34	326	151
Not reported	1982	78	15	111	51	1	6	66	13
	1978	35	15	61	40	–	2	34	8
1982 operators by years on present farm:									
2 years or less		80	18	60	54	1	2	49	15
3 or 4 years		129	32	131	92	1	6	68	25
5 to 9 years		212	90	280	167	5	16	107	43
10 years or more		716	238	863	436	22	58	431	171
Average years on present farm		17.5	18.4	18.3	16.4	17.8	21.2	18.2	18.5
Not reported		224	51	285	135	1	14	164	50
Operators by age group:									
Under 25 years	1982	42	8	76	11	–	2	21	7
	1978	29	7	81	14	2	2	13	6
25 to 34 years	1982	150	56	237	98	5	12	103	44
	1978	134	43	290	66	4	14	82	34
35 to 44 years	1982	298	74	379	223	6	23	150	69
	1978	289	78	374	174	7	25	138	79
45 to 54 years	1982	348	101	351	216	7	21	162	55
	1978	359	119	439	207	8	20	197	70
55 to 64 years	1982	329	118	344	174	10	25	222	74
	1978	355	102	434	220	6	16	255	91
65 years and over	1982	194	72	232	162	2	13	161	55
	1978	157	71	222	111	3	10	153	61
Average age	1982	49.7	51.3	48.0	50.4	49.6	50.4	51.8	50.4
	1978	49.9	51.2	48.0	50.9	46.7	46.9	52.5	51.4

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Marquette	Mason	Mecoste	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS									
Land in farms	farms, 1982	125	492	684	458	502	343	1 458	1 132
	1978	101	496	687	488	524	361	1 529	1 210
	acres, 1982	29 645	85 809	136 384	138 157	93 299	93 825	241 736	240 591
	1978	27 814	87 234	139 885	146 332	94 386	100 823	231 839	243 125
Harvested cropland	farms, 1982	99	448	631	421	434	322	1 354	1 047
	1978	94	471	653	472	494	347	1 465	1 164
	acres, 1982	6 022	49 740	68 214	54 544	67 264	53 047	208 633	160 632
	1978	6 715	44 755	62 277	56 451	62 718	48 927	195 770	142 710
TENURE OF OPERATOR									
Full owners	farms, 1982	83	312	448	255	295	215	705	678
	1978	62	326	480	297	316	205	726	752
	acres, 1982	16 098	33 708	63 182	56 819	29 791	41 490	51 059	83 263
	1978	13 513	36 264	75 031	65 553	35 411	34 768	48 849	95 818
Harvested cropland	farms, 1982	61	273	396	225	231	194	612	609
	1978	55	303	451	281	287	191	665	711
	acres, 1982	1 967	14 618	20 980	13 733	14 124	19 224	39 327	41 600
	1978	2 272	14 469	25 861	19 285	16 227	14 777	35 938	45 144
Part owners	farms, 1982	36	154	202	191	180	118	584	390
	1978	33	152	186	182	174	148	587	386
	acres, 1982	13 134	50 016	66 783	79 633	60 269	51 132	168 237	147 973
	1978	13 698	49 315	59 435	79 519	55 614	64 594	153 493	135 040
Owned land in farms	acres, 1982	9 609	31 229	37 124	56 242	30 313	33 270	71 628	84 619
	1978	10 761	28 457	34 757	57 121	28 926	39 191	60 005	81 109
Rented land in farms	acres, 1982	3 525	18 787	29 659	23 391	29 956	17 862	96 609	63 354
	1978	2 937	20 858	24 678	22 398	26 688	25 403	93 488	53 931
Harvested cropland	farms, 1982	33	150	201	186	179	118	576	380
	1978	33	150	182	182	174	148	586	383
	acres, 1982	3 971	33 607	43 010	39 789	50 329	33 006	147 928	111 484
	1978	4 086	29 039	33 131	36 417	43 907	33 231	132 994	88 086
Tenants	farms, 1982	6	26	34	12	27	10	169	64
	1978	6	18	21	9	34	8	216	72
	acres, 1982	413	2 085	6 419	1 705	3 239	1 303	22 440	9 355
	1978	603	1 655	5 419	1 260	3 361	1 461	29 497	12 267
Harvested cropland	farms, 1982	5	25	34	10	24	10	166	58
	1978	6	18	20	9	33	8	214	70
	acres, 1982	84	1 515	4 224	1 022	2 811	817	21 378	7 548
	1978	357	1 247	3 285	749	2 584	919	26 838	9 480
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm opereted	1982	107	407	582	396	410	295	1 154	916
	1978	87	398	570	418	396	307	1 172	963
Not on farm operated	1982	9	56	59	30	52	29	205	118
	1978	9	53	54	31	71	22	230	116
Not reported	1982	9	29	43	32	40	19	99	98
	1978	5	45	63	39	57	32	127	131
Operators by principal occupation:									
Farming	1982	40	255	320	265	212	250	721	638
	1978	42	261	275	272	190	233	665	590
Other	1982	85	237	364	193	290	93	737	494
	1978	59	235	412	216	334	128	864	620
Operators by days of work off farm:									
None	1982	38	180	248	198	148	168	478	475
	1978	41	187	236	222	141	162	505	462
Any	1982	84	283	402	229	327	148	889	577
	1978	60	288	424	250	359	180	977	716
1 to 49 days	1982	5	29	36	23	29	36	82	76
	1978	10	36	36	22	26	40	65	85
50 to 99 days	1982	3	29	17	15	31	6	38	23
	1978	4	19	18	14	9	12	32	40
100 to 149 days	1982	9	16	26	19	11	10	42	24
	1978	2	10	22	15	14	8	54	23
150 to 199 days	1982	8	30	50	38	33	12	80	49
	1978	6	25	37	27	19	17	71	62
200 days or more	1982	59	179	273	134	223	84	647	405
	1978	38	198	311	172	291	103	755	506
Not reported	1982	3	29	34	31	27	27	91	80
	1978	–	21	27	16	24	19	47	32
1982 operators by years on present farm:									
2 years or less		5	21	32	19	19	13	57	81
3 or 4 years		10	42	65	25	44	27	117	84
5 to 9 years		21	93	113	74	93	65	228	161
10 years or more		67	254	351	270	264	194	793	595
Average years on present farm		18.9	18.0	17.5	19.6	16.9	19.3	19.1	18.5
Not reported		22	82	123	70	82	44	263	211
Operators by age group:									
Under 25 years	1982	3	11	21	5	11	11	68	37
	1978	1	14	12	12	23	12	57	41
25 to 34 years	1982	15	76	84	66	74	52	200	155
	1978	16	62	94	66	73	54	215	175
35 to 44 years	1982	38	109	171	107	126	70	306	262
	1978	26	100	146	100	105	82	306	266
45 to 54 years	1982	27	100	155	106	117	89	344	263
	1978	28	99	165	124	144	90	373	280
55 to 64 years	1982	21	122	150	103	115	81	332	236
	1978	10	143	151	119	119	84	356	258
65 years and over	1982	21	74	103	71	59	40	208	179
	1978	20	78	119	67	60	39	222	190
Average age	1982	48.8	49.1	49.0	49.8	48.0	48.4	48.8	49.0
	1978	48.6	50.4	50.3	49.5	48.3	48.1	49.2	49.1

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARMS									
Land in farms	farms, 1982	106	481	784	688	735	308	145	549
	1978	110	493	807	620	772	303	149	546
	acres, 1982	24 401	35 256	128 523	69 053	130 279	67 380	38 665	117 686
	1978	27 048	87 218	133 266	77 107	125 734	73 732	41 572	125 053
Harvested cropland	farms, 1982	100	425	736	510	699	279	139	504
	1978	101	464	774	488	747	294	143	516
	acres, 1982	10 970	50 494	69 862	36 995	63 361	35 146	11 399	53 035
	1978	10 972	48 568	66 822	35 969	59 203	35 404	12 715	53 659
TENURE OF OPERATOR									
Full owners	farms, 1982	66	333	486	466	534	191	96	351
	1978	73	331	527	408	573	198	93	362
	acres, 1982	(D)	43 281	58 895	27 703	70 419	31 492	19 365	54 238
	1978	11 189	39 632	67 234	25 105	74 480	34 400	21 392	62 618
Harvested cropland	farms, 1982	61	283	445	315	507	168	90	312
	1978	64	307	495	304	550	191	88	338
	acres, 1982	(D)	19 968	22 224	8 528	28 794	11 992	4 113	18 105
	1978	(D)	17 825	25 529	7 679	29 971	12 036	(D)	21 072
Part owners	farms, 1982	38	131	264	172	174	103	46	185
	1978	36	147	252	154	176	96	54	173
	acres, 1982	13 102	38 966	66 029	31 396	52 426	35 177	18 210	61 564
	1978	(D)	46 979	60 894	34 665	48 475	39 000	(D)	60 312
Owned land in farms	acres, 1982	7 600	24 057	39 957	9 447	36 524	19 622	11 180	36 630
	1978	7 912	31 932	38 889	11 174	34 081	22 874	12 035	35 740
Rented land in farms	acres, 1982	5 502	14 909	26 072	21 949	15 902	15 555	7 030	24 934
	1978	(D)	15 047	22 005	23 491	14 394	16 126	(D)	24 572
Harvested cropland	farms, 1982	37	125	260	158	168	100	46	182
	1978	36	145	251	140	174	96	53	167
	acres, 1982	7 657	27 910	45 383	21 885	30 764	22 727	6 696	33 962
	1978	7 316	30 304	38 614	20 707	27 978	23 121	7 764	31 480
Tenants	farms, 1982	2	17	34	50	27	14	3	13
	1978	1	15	28	58	23	9	2	11
	acres, 1982	(D)	3 009	3 599	9 954	7 434	711	1 090	1 884
	1978	(D)	607	5 138	17 337	2 779	332	(D)	2 123
Harvested cropland	farms, 1982	2	17	31	37	24	11	3	10
	1978	1	12	28	44	23	7	2	11
	acres, 1982	(D)	2 616	2 255	6 582	3 803	427	590	968
	1978	(D)	439	2 679	7 583	1 254	247	(D)	1 107
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	89	376	625	566	595	248	126	468
	1978	87	385	651	490	620	232	136	447
Not on farm operated	1982	12	70	100	85	96	31	8	42
	1978	8	68	98	83	96	35	4	42
Not reported	1982	5	35	59	37	44	29	11	39
	1978	15	40	58	47	56	36	9	57
Operators by principal occupation:									
Farming	1982	57	238	373	228	373	175	64	278
	1978	53	201	351	218	358	168	82	268
Other	1982	49	243	411	460	362	133	81	271
	1978	57	292	456	402	414	135	67	278
Operators by days of work off farm:									
None	1982	41	170	271	213	250	129	48	209
	1978	39	144	278	205	242	134	74	211
Any	1982	61	288	473	453	446	151	90	307
	1978	69	335	507	395	503	155	73	310
1 to 49 days	1982	11	22	45	33	52	19	17	32
	1978	8	31	45	23	50	30	10	40
50 to 99 days	1982	1	10	23	16	30	9	4	14
	1978	4	8	18	11	33	9	3	18
100 to 149 days	1982	6	14	20	18	36	7	7	20
	1978	6	20	13	17	20	10	4	16
150 to 199 days	1982	4	35	53	38	61	17	14	30
	1978	6	40	58	28	54	9	7	28
200 days or more	1982	39	207	332	348	267	99	48	211
	1978	45	236	373	316	346	97	49	208
Not reported	1982	4	23	40	22	39	28	7	33
	1978	2	14	22	20	27	14	2	25
1982 operators by years on present farm:									
2 years or less		3	19	49	56	16	25	10	21
3 or 4 years		12	50	55	88	49	23	14	46
5 to 9 years		15	76	139	134	131	45	19	83
10 years or more		59	267	408	306	431	150	84	305
Average years on present farm		20.5	17.5	17.6	13.7	18.3	18.8	18.2	20.3
Not reported		17	69	133	104	108	65	18	94
Operators by age group:									
Under 25 years	1982	-	11	16	7	8	11	1	4
	1978	2	7	12	12	13	9	2	8
25 to 34 years	1982	9	62	100	62	85	43	14	78
	1976	11	52	110	56	92	22	14	50
35 to 44 years	1982	23	116	193	189	197	59	31	103
	1978	23	107	174	167	210	56	23	104
45 to 54 years	1982	20	118	182	186	173	59	45	115
	1978	19	122	214	153	177	79	34	146
55 to 64 years	1982	33	104	186	150	169	77	26	135
	1978	36	135	185	139	159	76	38	129
65 years and over	1982	21	70	107	94	103	59	28	114
	1978	19	70	112	93	121	61	38	109
Average age	1982	53.0	49.2	49.5	49.8	49.6	50.4	51.5	51.8
	1978	51.2	50.3	49.3	50.2	49.7	52.0	53.6	52.3

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARMS									
Land in farms	farms, 1982	86	142	1 573	335	37	1 702	1 302	1 033
	1978	80	151	1 588	347	31	1 817	1 316	1 083
	acres, 1982	16 856	41 510	183 159	88 025	5 391	322 729	205 706	220 737
	1978	17 110	41 490	190 645	89 310	6 456	334 821	206 258	223 042
Harvested cropland	farms, 1982	78	130	1 414	302	28	1 614	1 178	936
	1978	75	144	1 484	332	28	1 767	1 235	1 008
	acres, 1982	6 723	12 153	123 172	36 011	(D)	273 534	143 393	161 056
	1978	6 264	11 527	119 274	32 989	1 961	266 021	132 399	150 012
TENURE OF OPERATOR									
Full owners	farms, 1982	57	93	1 017	191	28	934	723	624
	1978	54	99	1 019	228	20	996	755	682
	acres, 1982	8 328	18 434	71 164	36 784	4 041	94 665	62 670	79 980
	1978	8 980	20 778	78 997	44 131	3 220	108 245	66 073	88 701
Harvested cropland	farms, 1982	49	82	875	162	19	854	623	533
	1978	49	94	926	213	17	951	684	614
	acres, 1982	(D)	4 907	37 665	10 644	(D)	70 306	33 154	48 185
	1978	2 707	(D)	40 794	11 773	845	76 154	31 781	50 835
Part owners	farms, 1982	27	40	479	120	9	623	491	339
	1978	26	49	486	102	11	685	477	325
	acres, 1982	(D)	17 647	104 513	48 581	1 350	207 692	129 520	129 231
	1978	8 130	19 961	104 236	42 303	3 236	208 083	126 091	123 882
Owned land in farms	acres, 1982	4 906	11 422	63 512	28 377	725	98 426	52 577	69 874
	1978	5 772	13 586	64 243	26 510	1 350	99 137	53 704	67 204
Rented land in farms	acres, 1982	(D)	6 225	41 001	20 204	625	109 266	76 943	59 357
	1978	2 358	6 365	39 993	15 793	1 886	108 946	72 387	56 678
Harvested cropland	farms, 1982	27	40	466	116	9	618	474	336
	1978	26	48	480	102	11	680	471	323
	acres, 1982	4 211	6 570	79 479	25 813	638	184 161	99 615	102 854
	1978	3 557	6 291	72 839	19 644	1 116	173 699	89 848	91 272
Tenants	farms, 1982	2	9	77	24	-	145	88	70
	1978	-	3	83	17	-	136	84	76
	acres, 1982	(D)	5 429	7 462	2 660	-	20 372	13 516	11 526
	1978	-	751	7 412	2 876	-	18 493	14 094	10 459
Harvested cropland	farms, 1982	2	8	73	24	-	142	81	67
	1978	-	2	78	17	-	136	80	71
	acres, 1982	(D)	676	6 028	1 554	-	19 067	10 624	10 017
	1978	-	(D)	5 641	1 572	-	16 168	10 770	7 905
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	71	109	1 284	266	26	1 369	1 049	827
	1978	63	122	1 280	279	23	1 469	1 085	855
Not on farm operated	1982	6	17	174	34	5	221	154	117
	1978	6	15	164	28	4	194	126	134
Not reported	1982	9	16	115	35	6	112	99	89
	1978	11	14	144	40	4	154	105	94
Operators by principal occupation:									
Farming	1982	58	73	781	188	13	893	615	542
	1978	46	68	761	172	9	948	580	543
Other	1982	28	69	792	147	24	809	687	491
	1978	34	83	827	175	22	869	736	540
Operators by days of work off farm:									
None	1982	30	48	565	140	10	632	426	359
	1978	33	55	597	146	8	720	446	361
Any	1982	43	83	913	167	25	966	803	622
	1978	43	92	940	190	23	1 032	828	676
1 to 49 days	1982	11	7	63	20	3	99	64	81
	1978	9	8	80	13	1	117	82	101
50 to 99 days	1982	2	3	37	11	1	56	37	27
	1978	2	3	31	20	1	39	45	23
100 to 149 days	1982	5	8	52	14	1	40	49	28
	1978	5	11	40	4	1	54	34	30
150 to 199 days	1982	4	10	87	28	2	70	80	76
	1978	3	12	71	15	1	70	81	77
200 days or more	1982	21	55	674	94	18	701	573	410
	1978	24	58	718	138	19	752	586	445
Not reported	1982	13	11	95	28	2	104	73	52
	1978	4	4	51	11	-	65	42	46
1982 operators by years on present farm:									
2 years or less		5	5	80	12	-	96	62	50
3 or 4 years		7	8	162	34	2	95	111	68
5 to 9 years		20	13	256	38	8	231	230	185
10 years or more		37	83	836	179	18	949	662	566
Average years on present farm		15.5	20.8	16.7	21.2	15.6	20.1	17.7	16.9
Not reported		17	33	239	72	9	331	237	164
Operators by age group:									
Under 25 years	1982	-	5	41	8	-	67	34	26
	1978	2	-	39	8	-	51	25	26
25 to 34 years	1982	16	17	306	49	4	224	147	157
	1978	14	22	253	42	2	216	147	180
35 to 44 years	1982	21	26	355	71	4	360	316	264
	1978	14	31	374	64	4	367	251	248
45 to 54 years	1982	15	42	367	60	13	371	304	228
	1978	17	42	374	79	13	462	324	266
55 to 64 years	1982	14	25	313	80	11	449	269	217
	1978	19	27	352	95	6	463	352	224
65 years and over	1982	20	27	191	67	5	231	232	141
	1978	14	29	196	59	6	258	217	139
Average age	1982	50.4	50.5	47.2	50.9	52.3	49.3	49.9	48.4
	1978	50.0	50.9	48.1	51.0	52.3	49.7	51.1	48.0

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Senilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS									
Land in farms	farms, 1982	1 846	56	1 386	1 483	1 464	1 347	439	229
	1978	1 969	54	1 384	1 563	1 615	1 362	463	227
	acres, 1982	444 294	14 494	244 318	343 675	197 055	223 673	37 326	39 867
	1978	447 673	14 250	252 001	344 694	206 380	235 477	33 450	44 031
Harvested cropland	farms, 1982	1 751	53	1 316	1 394	1 376	1 201	375	201
	1978	1 899	50	1 337	1 513	1 550	1 268	410	208
	acres, 1982	345 800	5 213	182 595	281 916	120 184	161 359	27 085	17 301
	1978	324 981	4 595	179 473	264 116	111 405	160 191	23 501	18 057
TENURE OF OPERATOR									
Full owners	farms, 1982	984	34	798	745	1 040	789	256	164
	1978	1 069	36	809	765	1 159	783	281	159
	acres, 1982	142 043	(D)	83 539	85 471	87 956	68 352	12 734	21 096
	1978	147 411	6 142	90 568	83 121	101 773	75 894	10 072	22 154
Harvested cropland	farms, 1982	903	31	741	668	962	658	207	139
	1978	1 004	33	766	717	1 105	703	235	144
	acres, 1982	98 901	(D)	55 331	56 934	41 550	38 280	6 245	6 360
	1978	92 513	(D)	57 908	51 848	44 197	41 486	4 774	6 625
Part owners	farms, 1982	722	21	474	620	369	465	138	58
	1978	743	16	460	653	390	475	128	62
	acres, 1982	282 267	8 826	146 319	237 869	104 133	138 377	18 211	18 103
	1978	277 713	(D)	142 914	238 287	85 665	136 591	16 038	20 696
Owned land in farms	acres, 1982	156 330	6 178	77 984	118 629	63 476	63 547	4 421	10 235
	1978	150 751	5 346	79 406	117 115	50 302	60 957	5 497	12 754
Rented land in farms	acres, 1982	125 937	2 648	68 335	119 240	40 657	74 830	13 790	7 868
	1978	126 962	(D)	63 508	121 172	35 363	75 634	10 541	7 942
Harvested cropland	farms, 1982	715	21	470	611	365	455	129	55
	1978	742	15	458	652	383	467	123	60
	acres, 1982	230 824	3 822	115 195	206 390	74 695	108 851	14 765	10 422
	1978	215 710	2 949	107 028	192 463	53 916	101 063	12 536	10 481
Tenants	farms, 1982	140	1	114	118	55	93	45	7
	1978	157	2	115	145	66	104	54	6
	acres, 1982	19 984	(D)	14 460	20 335	4 966	16 944	6 381	668
	1978	22 549	(D)	18 519	23 286	18 942	22 992	7 340	1 181
Harvested cropland	farms, 1982	133	1	105	115	49	88	39	7
	1978	153	2	113	144	62	98	52	4
	acres, 1982	16 075	(D)	12 069	18 592	3 939	14 228	6 075	519
	1978	16 758	(D)	14 537	19 805	13 292	17 642	6 191	951
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	1 459	48	1 142	1 196	1 179	1 114	310	190
	1978	1 593	43	1 101	1 268	1 272	1 091	319	191
Not on farm operated	1982	213	4	148	168	194	149	90	18
	1978	224	6	148	183	227	161	100	11
Not reported	1982	174	4	96	119	91	84	39	21
	1978	152	5	135	112	116	110	44	25
Operators by principal occupation:									
Farming	1982	1 297	26	697	891	733	628	202	98
	1978	1 291	21	624	879	741	631	188	102
Other	1982	549	30	689	592	731	719	237	131
	1978	678	33	760	684	874	731	275	125
Operators by days of work off farm:									
None	1982	919	21	507	641	499	457	163	85
	1978	942	15	462	635	533	463	156	76
Any	1982	775	32	795	726	872	821	233	133
	1978	938	38	872	882	1 022	854	286	142
1 to 49 days	1982	125	1	64	81	78	66	15	19
	1978	142	4	77	127	111	77	16	16
50 to 99 days	1982	42	1	35	35	58	40	11	8
	1978	74	1	26	51	66	36	10	9
100 to 149 days	1982	65	3	52	41	46	57	13	6
	1978	61	6	34	52	59	54	20	6
150 to 199 days	1982	71	4	85	78	82	86	16	14
	1978	112	2	57	60	89	77	20	16
200 days or more	1982	472	23	559	491	608	572	178	86
	1978	549	25	678	592	697	610	220	95
Not reported	1982	152	3	84	116	93	69	43	11
	1978	89	1	50	46	60	45	21	9
1982 operators by years on present farm:									
2 years or less		91	4	58	76	71	57	38	17
3 or 4 years		132	3	122	89	121	112	40	15
5 to 9 years		215	13	194	180	263	234	79	25
10 years or more		1 032	29	776	875	804	703	191	126
Average years on present farm		20.2	17.3	19.4	20.3	17.7	18.1	16.5	20.0
Not reported		376	7	236	263	205	241	91	46
Operators by age group:									
Under 25 years	1982	94	-	43	53	23	32	11	2
	1978	80	1	43	62	33	24	4	2
25 to 34 years	1982	277	7	178	209	176	139	66	20
	1978	266	8	173	200	169	147	58	18
35 to 44 years	1982	364	16	328	334	313	349	77	42
	1978	403	15	311	341	366	311	74	51
45 to 54 years	1982	419	13	310	364	347	286	106	63
	1978	494	11	334	412	389	314	126	58
55 to 64 years	1982	418	11	295	341	346	289	97	58
	1978	441	12	351	405	396	336	125	60
65 years and over	1982	274	9	232	182	259	252	82	44
	1978	285	7	172	143	262	230	76	38
Average age	1982	48.5	48.5	49.3	48.4	50.8	50.8	50.5	52.6
	1978	49.0	48.6	49.1	48.4	50.7	50.8	51.4	51.9

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
OPERATOR CHARACTERISTICS—Con.								
Operators by sex:								
Male	farms, 1982	56 194	280	67	1 768	425	266	352
	1978	58 181	272	91	1 861	431	258	417
	acres, 1982	10 687 623	50 760	16 392	261 624	77 211	61 896	87 128
	1978	10 785 439	53 166	21 648	254 053	75 999	62 903	95 099
Female	farms, 1982	2 467	15	9	63	17	13	25
	1978	2 245	15	3	62	19	10	13
	acres, 1982	254 549	2 423	1 308	5 353	3 562	1 261	3 369
	1978	252 980	2 464	323	7 146	3 759	831	2 586
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	52 022	271	65	1 610	413	239	341
	1978	53 931	264	87	1 702	423	224	369
	acres, 1982	8 462 560	46 213	(D)	197 877	73 795	41 922	69 821
	1978	8 816 357	49 563	18 508	201 870	72 922	44 315	74 352
Partnership	farms, 1982	5 495	23	7	181	26	33	34
	1978	5 635	22	4	185	24	37	57
	acres, 1982	1 899 339	(D)	2 983	55 578	6 730	16 467	(D)
	1978	1 798 138	(D)	1 630	50 371	6 571	16 902	22 737
Corporation:								
Family held	farms, 1982	851	1	3	28	1	6	2
	1978	606	1	1	29	3	6	3
	acres, 1982	481 652	(D)	480	10 612	(D)	(D)	(D)
	1978	325 050	(D)	(D)	(D)	265	(D)	(D)
Other than family held	farms, 1982	96	-	-	5	-	-	-
	1978	93	-	-	2	-	1	-
	acres, 1982	37 647	-	-	1 925	-	-	-
	1978	49 022	-	-	(D)	-	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	197	-	1	7	2	1	-
	1978	161	-	2	5	-	-	1
	acres, 1982	60 974	-	(D)	985	(D)	(D)	-
	1978	49 852	-	(D)	625	-	-	(D)

Characteristics		Barage	Barry	Bay	Benzie	Berrien	Branch	Calhoun
OPERATOR CHARACTERISTICS—Con.								
Operators by sex:								
Male	farms, 1982	70	1 018	1 034	173	1 683	1 131	1 234
	1978	88	993	1 118	162	1 840	1 150	1 272
	acres, 1982	15 847	183 758	177 179	25 386	185 217	238 928	262 551
	1978	19 256	176 476	179 749	25 165	193 105	235 966	252 009
Female	farms, 1982	4	43	38	11	94	39	47
	1978	5	40	50	14	86	46	35
	acres, 1982	980	4 338	2 973	734	4 695	4 148	4 129
	1978	306	4 356	4 010	1 637	3 920	6 267	4 086
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	71	964	955	163	1 600	1 033	1 142
	1978	84	941	1 050	157	1 741	1 080	1 188
	acres, 1982	15 490	155 544	143 331	20 111	152 472	192 744	216 415
	1978	17 095	149 068	148 891	20 409	154 325	200 584	214 606
Partnership	farms, 1982	2	84	104	19	145	127	114
	1978	7	83	113	17	155	108	107
	acres, 1982	(D)	29 594	30 651	(D)	27 355	46 086	37 577
	1978	(D)	29 698	33 041	(D)	34 364	38 715	36 104
Corporation:								
Family held	farms, 1982	1	10	11	2	22	4	14
	1978	-	5	4	2	16	3	9
	acres, 1982	(D)	2 796	(D)	(D)	(D)	3 300	10 947
	1978	-	1 145	(D)	(D)	4 995	1 416	(D)
Other than family held	farms, 1982	-	-	-	-	1	1	4
	1978	-	3	-	-	3	2	2
	acres, 1982	-	-	-	-	(D)	(D)	804
	1978	-	(D)	-	-	216	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	3	2	-	9	5	7
	1978	2	1	1	-	11	3	1
	acres, 1982	-	162	(D)	-	2 293	(D)	937
	1978	(D)	(D)	(D)	-	3 125	(D)	(D)

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics			Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms,	1982	983	243	190	365	297	1 484	18
		1978	1 028	237	213	355	303	1 478	16
	acres,	1982	194 621	45 208	45 410	96 869	73 541	262 820	1 604
		1978	196 085	46 329	48 962	97 430	70 786	256 635	2 090
Female	farms,	1982	39	13	7	13	20	34	-
		1978	38	10	8	14	10	39	-
	acres,	1982	4 042	1 841	678	2 313	2 810	3 916	-
		1978	3 192	1 335	1 433	2 286	923	3 616	-
TYPE OF ORGANIZATION									
Individual or family	farms,	1982	903	235	173	347	273	1 349	18
		1978	939	220	202	343	275	1 359	15
	acres,	1982	147 943	39 896	34 161	84 926	53 159	209 376	1 604
		1978	154 062	38 451	43 394	87 591	54 536	206 547	(D)
Partnership	farms,	1982	96	18	16	27	34	152	-
		1978	106	24	12	22	30	140	1
	acres,	1982	39 920	5 545	9 946	12 576	14 932	46 551	-
		1978	33 378	7 409	5 381	10 440	(D)	46 678	(D)
Corporation:									
Family held	farms,	1982	17	3	8	1	10	15	-
		1978	11	1	5	1	6	11	-
	acres,	1982	9 839	1 608	1 981	(D)	8 260	(D)	-
		1978	7 958	(D)	(D)	(D)	(D)	(D)	-
Other than family held	farms,	1982	2	-	-	2	-	-	-
		1978	5	2	-	2	1	1	-
	acres,	1982	(D)	-	-	(D)	-	-	-
		1978	(D)	(D)	-	(D)	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms,	1982	4	-	-	1	-	2	-
		1978	5	-	2	1	1	6	-
	acres,	1982	(D)	-	-	(D)	-	(D)	-
		1978	(D)	-	(D)	(D)	(D)	566	-

Characteristics			Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms,	1982	295	116	1 317	237	946	422	80
		1978	306	110	1 345	215	953	407	71
	acres,	1982	78 328	30 839	238 603	45 792	152 227	72 134	(D)
		1978	86 327	32 469	233 782	45 147	152 946	73 488	(D)
Female	farms,	1982	20	7	55	16	44	11	2
		1978	26	6	53	15	37	12	1
	acres,	1982	3 007	1 737	5 948	2 073	8 598	1 879	(D)
		1978	5 876	921	5 224	2 538	3 614	1 224	(D)
TYPE OF ORGANIZATION									
Individual or family	farms,	1982	276	113	1 252	225	888	406	77
		1978	304	103	1 263	206	891	396	65
	acres,	1982	65 785	27 325	207 502	38 719	121 060	64 153	10 360
		1978	83 439	27 105	206 786	38 110	123 383	66 703	9 641
Partnership	farms,	1982	35	9	104	20	83	25	4
		1978	27	13	127	22	91	22	7
	acres,	1982	13 780	(D)	29 431	7 647	29 673	(D)	(D)
		1978	(D)	6 285	30 149	(D)	28 173	(D)	916
Corporation:									
Family held	farms,	1982	4	1	13	7	12	2	-
		1978	1	-	4	2	7	1	-
	acres,	1982	1 770	(D)	7 088	(D)	(D)	(D)	-
		1978	(D)	-	728	(D)	(D)	(D)	-
Other than family held	farms,	1982	-	-	1	1	1	-	1
		1978	-	-	4	-	-	-	-
	acres,	1982	-	-	(D)	(D)	(D)	-	(D)
		1978	-	-	1 343	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.	farms,	1982	-	-	2	-	6	-	-
		1978	-	-	-	-	1	-	-
	acres,	1982	-	-	(D)	-	738	-	-
		1978	-	-	-	-	(D)	-	-

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	424	1 189	1 307	187	1 616	1 053	1 148	235
	1978	451	1 302	1 508	203	1 763	1 023	1 180	231
	acres, 1982	68 672	284 925	259 066	34 451	425 678	219 269	236 673	56 556
	1978	70 534	276 813	259 755	39 315	396 645	222 678	236 241	58 505
Female	farms, 1982	38	26	47	8	39	52	39	9
	1978	36	32	34	9	37	44	52	6
	acres, 1982	5 476	3 903	5 564	1 087	9 297	3 473	6 103	907
	1978	5 456	3 203	4 042	2 344	9 004	3 623	8 004	1 574
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	393	1 061	1 219	174	1 433	967	1 042	227
	1978	425	1 181	1 374	188	1 601	942	1 096	220
	acres, 1982	53 924	219 062	214 023	29 846	324 236	151 610	183 787	43 297
	1978	60 415	217 534	216 176	34 245	322 954	162 496	195 295	42 797
Partnership	farms, 1982	52	140	119	20	162	109	135	13
	1978	51	159	154	23	155	106	120	16
	acres, 1982	14 669	66 314	39 707	(D)	58 223	58 017	51 288	(D)
	1978	13 883	58 815	40 879	(D)	53 405	48 395	43 256	(D)
Corporation:									
Family held	farms, 1982	16	9	5	1	46	14	4	2
	1978	11	9	8	1	34	10	9	-
	acres, 1982	(D)	2 799	8 461	(D)	48 189	9 339	(D)	(D)
	1978	1 692	(D)	(D)	(D)	27 201	7 952	4 102	-
Other than family held	farms, 1982	1	-	3	-	7	3	-	1
	1978	-	-	1	-	3	3	3	1
	acres, 1982	(D)	-	(D)	-	1 272	281	-	(D)
	1978	-	-	(D)	-	1 399	1 038	998	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	5	8	-	7	12	6	1
	1978	-	5	5	-	7	6	4	-
	acres, 1982	-	653	(D)	-	3 055	3 495	(D)	(D)
	1978	-	(D)	206	-	690	6 420	594	-

Characteristics		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	94	979	1 189	911	89	1 459	4	116
	1978	85	978	1 129	930	87	1 414	5	119
	acres, 1982	28 365	196 038	231 728	173 170	(D)	216 810	390	20 952
	1978	25 170	198 766	236 525	169 489	18 922	224 531	260	22 585
Female	farms, 1982	4	37	53	50	2	65	-	7
	1978	7	21	61	46	5	47	-	7
	acres, 1982	660	4 834	3 456	4 021	(D)	6 405	-	931
	1978	972	3 140	5 694	5 491	837	4 982	-	911
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	93	912	1 118	840	85	1 315	4	114
	1978	84	908	1 067	852	90	1 259	5	115
	acres, 1982	24 943	160 693	162 203	137 122	16 727	166 164	390	18 795
	1978	22 187	169 554	176 435	137 365	(D)	171 068	260	19 870
Partnership	farms, 1982	3	101	95	83	5	164	-	7
	1978	4	88	107	99	2	167	-	11
	acres, 1982	(D)	38 795	48 133	27 783	(D)	44 737	-	(D)
	1978	1 459	31 207	39 223	30 991	(D)	45 162	-	3 626
Corporation:									
Family held	farms, 1982	2	3	19	28	1	39	-	1
	1978	3	3	11	19	-	26	-	-
	acres, 1982	(D)	1 384	(D)	4 078	(D)	11 671	-	(D)
	1978	(D)	1 145	(D)	(D)	-	(D)	-	-
Other than family held	farms, 1982	-	-	1	4	-	3	-	-
	1978	1	-	1	2	-	2	-	-
	acres, 1982	-	-	(D)	3 643	-	(D)	-	-
	1978	(D)	-	(D)	(D)	-	(D)	-	-
Other—cooperetive, estate or trust, institutional, etc.	farms, 1982	-	-	9	6	-	3	-	1
	1978	-	-	4	4	-	7	-	-
	acres, 1982	-	-	5 455	4 565	-	(D)	-	(D)
	1978	-	-	8 925	4 731	-	722	-	-

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	1 299	412	1 584	830	30	95	767	280
	1978	1 270	394	1 796	763	30	84	796	322
	acres, 1982	220 883	71 162	372 690	134 660	10 813	(D)	88 279	47 141
	1978	228 846	70 176	368 591	133 616	11 402	27 061	87 062	54 812
Female	farms, 1982	62	17	35	54	-	1	52	24
	1978	53	26	44	29	-	3	42	19
	acres, 1982	5 062	1 293	3 606	3 258	-	(D)	2 943	2 236
	1978	4 581	2 175	5 136	2 596	-	800	2 427	2 371
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	1 209	366	1 400	778	27	93	701	267
	1978	1 159	362	1 630	705	29	82	726	302
	acres, 1982	165 320	54 037	262 315	101 703	9 563	29 750	67 522	39 902
	1978	173 123	55 445	289 632	109 408	(D)	26 693	69 859	47 000
Partnership	farms, 1982	122	46	190	82	3	2	94	24
	1978	144	46	192	70	1	4	89	26
	acres, 1982	48 745	11 551	87 539	29 165	1 250	(D)	22 346	3 111
	1978	54 476	11 613	64 524	22 454	(D)	(D)	18 378	4 751
Corporation:									
Family held	farms, 1982	24	16	22	17	-	1	23	8
	1978	16	9	14	11	-	1	18	8
	acres, 1982	11 298	(D)	(D)	5 533	-	(D)	(D)	(D)
	1978	5 483	4 809	(D)	2 515	-	(D)	(D)	(D)
Other than family held	farms, 1982	3	1	2	5	-	-	-	1
	1978	-	2	1	3	-	-	-	2
	acres, 1982	466	(D)	(D)	(D)	-	-	-	(D)
	1978	-	(D)	(D)	1 480	-	-	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	3	-	5	2	-	-	1	4
	1978	4	1	3	3	-	-	5	3
	acres, 1982	116	-	251	(D)	-	-	(D)	500
	1978	345	(D)	180	355	-	-	(D)	325

Characteristics		Marquette	Mason	Macosta	Manominee	Midland	Missaukee	Monroe	Montcalm
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	117	466	656	427	487	332	1 412	1 090
	1978	89	479	659	464	507	351	1 477	1 166
	acres, 1982	28 121	82 909	133 265	132 353	92 178	91 740	239 146	237 722
	1978	25 606	84 943	136 309	141 244	92 816	99 666	228 729	237 901
Female	farms, 1982	8	26	28	31	15	11	46	42
	1978	12	17	28	24	17	10	52	44
	acres, 1982	1 524	2 900	3 119	5 804	1 121	2 185	2 590	2 869
	1978	2 208	2 291	3 576	5 088	1 570	1 157	3 110	5 224
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	118	432	616	412	457	289	1 309	1 026
	1978	93	439	623	445	485	320	1 354	1 094
	acres, 1982	24 335	65 292	105 974	116 749	72 115	71 004	190 459	188 976
	1978	22 863	71 426	114 889	123 391	79 588	(D)	179 902	190 983
Partnership	farms, 1982	5	46	64	40	40	52	131	92
	1978	6	54	60	38	39	39	152	101
	acres, 1982	(D)	13 832	28 465	19 106	19 115	(D)	38 103	42 180
	1978	(D)	14 949	21 919	20 547	14 798	14 924	35 696	39 217
Corporation:									
Family held	farms, 1982	1	13	1	4	5	-	17	9
	1978	1	3	2	5	-	-	17	12
	acres, 1982	(D)	(D)	(D)	(D)	2 069	-	(D)	(D)
	1978	(D)	859	(D)	2 394	-	-	12 987	10 116
Other than family held	farms, 1982	-	1	-	-	-	-	1	2
	1978	-	-	-	-	-	-	3	1
	acres, 1982	-	(D)	-	-	-	-	(D)	(D)
	1978	-	-	-	-	-	-	2 900	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	1	-	3	2	-	2	-	3
	1978	1	-	2	-	-	2	3	2
	acres, 1982	(D)	-	(D)	(D)	-	(D)	-	445
	1978	(D)	-	(D)	-	-	(D)	354	(D)

Table 5. **Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

Characteristics		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	104	451	754	593	700	297	138	522
	1978	108	479	780	563	733	294	138	531
	acres, 1982	(D)	83 067	125 997	64 327	125 271	66 104	35 949	113 825
	1978	(D)	86 089	130 996	73 569	119 720	72 730	38 296	122 190
Female	farms, 1982	2	30	30	95	35	11	9	27
	1978	2	14	27	57	39	9	11	15
	acres, 1982	(D)	2 189	2 526	4 726	5 008	1 276	2 718	3 861
	1978	(D)	1 129	2 270	3 538	6 014	1 002	3 276	2 863
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	100	415	710	586	642	267	129	493
	1978	104	433	723	536	704	273	135	505
	acres, 1982	20 762	49 935	103 016	53 683	96 971	53 743	33 543	97 329
	1978	24 367	65 256	107 215	64 309	102 620	63 312	36 607	106 818
Partnership	farms, 1982	4	50	55	60	74	36	16	53
	1978	3	49	67	55	64	25	14	39
	acres, 1982	(D)	13 801	16 503	9 954	21 077	11 540	5 122	19 994
	1978	1 866	11 369	18 994	8 903	19 542	9 344	4 965	(D)
Corporation:									
Family held	farms, 1982	1	12	12	31	16	4	-	1
	1978	2	9	10	23	2	2	-	-
	acres, 1982	(D)	(D)	(D)	4 722	10 971	(D)	-	(D)
	1978	(D)	(D)	4 038	3 121	(D)	(D)	-	-
Other than family held	farms, 1982	-	1	1	8	2	-	-	-
	1978	1	1	4	3	1	-	-	2
	acres, 1982	-	(D)	(D)	503	(D)	-	-	-
	1978	(D)	(D)	414	(D)	(D)	-	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	1	3	6	3	1	1	-	2
	1978	-	1	3	3	1	3	-	-
	acres, 1982	(D)	11 550	3 871	191	(D)	(D)	-	(D)
	1978	-	(D)	2 605	(D)	(D)	(D)	-	-

Characteristics		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	83	134	1 526	323	34	1 654	1 247	987
	1978	73	147	1 557	331	30	1 767	1 263	1 037
	ecres, 1982	16 589	40 260	180 388	85 414	5 290	317 315	201 888	218 392
	1978	16 133	40 740	188 631	85 914	(D)	330 895	201 913	217 113
Female	farms, 1982	3	8	47	12	3	48	55	46
	1978	7	4	31	16	1	50	53	46
	acres, 1982	267	1 250	2 771	2 611	101	5 414	3 818	4 345
	1978	977	750	2 014	3 396	(D)	3 926	4 345	5 929
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	81	130	1 354	310	33	1 503	1 184	936
	1978	76	137	1 385	314	30	1 606	1 201	967
	acres, 1982	15 114	32 774	126 276	71 269	4 841	244 342	166 034	177 278
	1978	15 071	36 046	140 955	73 820	(D)	258 582	170 081	171 292
Partnership	farms, 1982	2	10	181	22	4	168	98	79
	1978	3	13	165	32	1	193	108	104
	acres, 1982	(D)	(D)	39 778	15 468	550	67 233	33 513	30 572
	1978	(D)	(D)	34 814	(D)	(D)	64 278	33 103	43 956
Corporation:									
Family held	farms, 1982	3	2	27	2	-	23	16	11
	1978	1	1	27	1	-	14	6	5
	acres, 1982	(D)	(D)	11 685	(D)	-	(D)	(D)	12 182
	1978	(D)	(D)	10 907	(D)	-	9 862	(D)	6 183
Other than family held	farms, 1982	-	-	9	-	-	1	1	4
	1978	-	-	4	-	-	-	1	4
	acres, 1982	-	-	(D)	-	-	(D)	(D)	547
	1978	-	-	3 274	-	-	-	(D)	789
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	-	2	1	-	7	3	3
	1978	-	-	7	-	-	4	-	3
	acres, 1982	-	-	(D)	(D)	-	1 177	684	158
	1978	-	-	695	-	-	2 099	-	842

Table 5. Tenure and Characteristics of Operator and Type of Organization: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Sanilac	Schoolcreft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
OPERATOR CHARACTERISTICS—Con.									
Operators by sex:									
Male	farms, 1982	1 794	51	1 339	1 424	1 388	1 274	383	218
	1978	1 919	52	1 347	1 504	1 520	1 307	434	222
	acres, 1982	435 664	12 152	241 288	336 964	192 385	218 847	35 554	37 519
	1978	439 129	(D)	248 922	337 761	199 166	230 538	32 007	43 171
Female	farms, 1982	52	5	47	59	76	73	56	11
	1978	50	2	37	59	95	55	29	5
	acres, 1982	8 630	2 342	3 030	6 711	4 670	4 826	1 772	2 348
	1978	8 544	(D)	3 079	6 933	7 214	4 939	1 443	860
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	1 620	55	1 226	1 276	1 307	1 175	372	219
	1978	1 742	51	1 244	1 392	1 451	1 183	400	213
	acres, 1982	343 742	(D)	198 544	251 546	151 834	171 589	30 014	37 570
	1978	360 555	13 716	202 316	262 788	156 708	183 626	26 825	40 919
Partnership	farms, 1982	203	1	147	155	125	141	41	7
	1978	211	3	131	144	124	148	40	13
	acres, 1982	81 169	(D)	41 101	57 952	18 762	42 390	4 623	1 140
	1978	77 238	534	47 030	59 581	23 290	43 689	3 691	(D)
Corporation:									
Family held	farms, 1982	17	-	7	48	24	22	21	2
	1978	12	-	5	25	27	20	20	1
	acres, 1982	17 408	-	(D)	(D)	25 551	(D)	619	(D)
	1978	8 192	-	(D)	(D)	23 287	5 894	1 780	(D)
Other than family held	farms, 1982	1	-	2	1	5	2	-	-
	1978	2	-	1	-	7	3	2	-
	acres, 1982	(D)	-	(D)	(D)	892	(D)	-	-
	1978	(D)	-	(D)	-	2 760	387	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	5	-	4	3	3	7	5	1
	1978	2	-	3	2	6	8	1	-
	acres, 1982	(D)	-	127	488	16	1 042	2 070	(D)
	1978	(D)	-	165	(D)	335	1 881	(D)	-

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Livestock and poultry purchased	farms, 1982	16 849	100	27	639	166	113	96
	1978	18 301	100	35	767	177	81	157
	$1,000, 1982	170 034	861	70	11 416	408	1 132	566
	1978	145 691	657	125	8 767	399	614	1 203
Feed for livestock and poultry	farms, 1982	27 182	195	51	940	240	140	145
	1978	28 674	188	64	1 125	265	130	192
	$1,000, 1982	254 964	631	366	20 154	1 315	1 159	1 041
	1978	179 958	488	332	13 127	1 013	1 649	991
Commercially mixed formula feeds	farms, 1982	14 434	68	35	529	91	78	81
	1978	13 999	61	28	639	87	75	89
	tons, 1982	862 503	2 589	1 636	83 419	4 480	4 815	4 357
	1978	628 814	2 211	941	56 711	4 592	7 481	3 623
	$1,000, 1982	153 703	467	290	14 282	761	915	677
	1978	106 272	314	145	8 602	744	1 365	579
Seeds, bulbs, plants, and trees	farms, 1982	41 846	93	32	1 323	274	147	275
	1978	45 648	155	49	1 533	258	189	360
	$1,000, 1982	105 161	79	29	3 187	313	331	711
	1978	79 794	97	26	2 176	191	351	619
Commercial fertilizer	farms, 1982	43 009	127	40	1 406	325	145	279
	1978	48 523	147	51	1 637	303	197	394
	$1,000, 1982	242 091	254	51	7 788	626	928	2 038
	1978	173 192	121	60	5 075	387	767	1 620
Other agricultural chemicals[1]	farms, 1982	37 506	58	28	1 291	173	153	242
	1978	43 904	102	37	1 585	130	185	309
	$1,000, 1982	114 159	26	15	3 542	165	599	939
	1978	67 558	33	11	2 333	111	443	419
Hired farm labor	farms, 1982	21 564	110	37	768	183	113	109
	1978	22 285	117	39	786	131	108	123
	$1,000, 1982	186 312	273	117	10 272	663	1 028	824
	1978	136 868	121	112	6 250	292	937	649
Contract labor	farms, 1982	2 510	-	2	87	-	26	38
	1978	3 235	1	1	141	7	21	22
	$1,000, 1982	14 445	-	(D)	795	-	159	132
	1978	12 412	(D)	(D)	347	19	75	65
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	20 674	75	15	663	181	91	109
	1978	26 193	91	25	872	153	101	171
	$1,000, 1982	30 403	27	9	1 154	114	143	163
	1978	26 870	39	11	894	78	156	183
Energy and petroleum products	farms, 1982	58 436	295	76	1 824	437	279	377
	1978	60 148	287	94	1 922	441	261	421
	$1,000, 1982	228 553	460	182	8 873	1 043	1 025	1 498
	1978	128 428	306	151	4 777	505	632	1 126
Petroleum products	farms, 1982	58 375	295	76	1 824	437	279	377
	1978	60 113	287	94	1 922	441	261	421
	$1,000, 1982	181 320	357	115	6 589	782	727	1 211
	1978	97 893	210	98	3 342	360	461	898
Gasoline and gasohol	farms, 1982	53 792	294	72	1 690	379	257	339
	1978	56 703	265	93	1 801	418	238	404
	$1,000, 1982	70 711	199	63	2 324	316	318	451
	1978	46 816	134	59	1 469	191	222	406
Storage capacity	farms, 1982	38 825	185	41	1 165	267	190	263
	1,000 gallons, 1982	19 897	72	15	515	113	113	144
Diesel fuel	farms, 1982	32 771	116	30	991	280	166	267
	1978	29 489	71	37	963	179	163	267
	$1,000, 1982	70 978	127	33	2 063	365	332	597
	1978	28 826	59	20	723	115	160	280
Storage capacity	farms, 1982	25 874	102	26	771	207	139	203
	1,000 gallons, 1982	16 856	42	10	416	81	84	137
LP gas, butane, and propane	farms, 1982	7 811	3	13	296	46	20	53
	1978	6 687	8	10	240	43	52	60
	$1,000, 1982	16 055	5	6	632	45	20	68
	1978	7 316	(Z)	3	360	(D)	26	140
Storage capacity	farms, 1982	5 661	3	3	196	28	13	33
	1,000 gallons, 1982	5 622	3	1	198	20	11	32
Fuel oil and kerosene[2]	farms, 1982	4 420	8	1	222	24	17	24
	1978	5 611	19	14	205	61	27	41
	$1,000, 1982	2 857	(D)	(D)	442	6	6	10
	1978	3 716	4	6	511	16	9	14
Storage capacity	farms, 1982	2 456	8	1	131	14	15	11
	1,000 gallons, 1982	952	2	(D)	60	2	4	3
Natural gas	farms, 1982	1 819	1	2	149	6	-	2
	1978	1 449	6	3	56	1	-	10
	$1,000, 1982	10 346	(D)	(D)	805	1	-	(D)
	1978	4 556	1	2	74	(D)	-	6
Motor oil and grease[2]	farms, 1982	58 375	295	76	1 824	437	279	377
	1978	60 112	287	94	1 922	441	261	421
	$1,000, 1982	10 372	22	9	323	48	51	(D)
	1978	6 663	12	8	205	26	44	52
Electricity	farms, 1982	42 594	182	62	1 359	347	215	278
	1978	42 315	222	69	1 469	310	159	342
	$1,000, 1982	45 697	88	63	2 261	256	296	281
	1978	29 823	91	52	1 425	136	170	224
Other—coal, wood, coke, etc.	farms, 1982	3 720	37	14	88	15	9	25
	1978	2 137	18	9	30	17	6	21
	$1,000, 1982	1 536	16	4	22	5	2	6
	1978	713	5	1	10	8	1	4
1982 interest expense:								
Expenses reported	farms	27 193	72	27	903	188	142	134
	$1,000	273 637	576	111	10 363	916	1 188	1 799
Expenses reported as "No"	farms	28 712	223	45	826	225	91	223

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Dete are based on a sample of farms. For meaning of ebbreviations and symbols, see introductory text]

Item		Baraga	Berry	Bay	Benzie	Berrien	Branch	Calhoun
Livestock end poultry purchased	farms, 1982	25	380	114	34	273	355	369
	1978	15	339	134	46	235	421	533
	$1,000, 1982	81	1 842	224	202	1 808	6 297	4 154
	1978	32	1 413	456	549	1 952	4 152	3 589
Feed for livestock and poultry	farms, 1982	52	625	219	64	431	566	637
	1978	62	572	189	55	474	611	777
	$1,000, 1982	140	4 881	525	245	2 984	4 613	5 547
	1978	108	3 271	650	298	2 551	3 174	3 258
Commercially mixed formula feeds	farms, 1982	26	308	96	22	217	327	295
	1978	30	242	123	28	229	266	309
	tons, 1982	385	14 378	869	332	10 804	8 322	19 415
	1978	587	11 301	1 958	339	11 983	8 648	10 327
	$1,000, 1982	63	2 757	210	79	1 867	1 800	3 869
	1978	73	1 989	418	78	1 784	1 510	1 677
Seeds, bulbs, plants, end trees	farms, 1982	35	724	897	74	1 099	988	994
	1978	38	820	989	90	1 390	1 045	1 051
	$1,000, 1982	16	1 254	2 997	64	2 432	2 025	2 490
	1978	22	821	1 907	72	1 870	1 501	1 678
Commerciel fertilizer	farms, 1982	35	673	933	135	1 406	888	928
	1978	49	745	1 104	116	1 589	1 075	1 047
	$1,000, 1982	30	3 177	8 247	250	4 515	5 212	6 004
	1978	43	1 942	5 679	211	3 138	3 960	3 641
Other agricultural chemicals[1]	farms, 1982	17	609	818	138	1 383	830	859
	1978	44	676	1 020	115	1 694	957	985
	$1,000, 1982	6	1 339	2 917	399	5 453	2 246	2 648
	1978	27	647	1 593	308	3 147	1 397	1 386
Hired farm labor	farms, 1982	29	370	441	75	902	344	452
	1978	31	339	554	79	1 048	371	417
	$1,000, 1982	75	1 862	2 544	504	12 259	1 945	3 811
	1978	55	1 161	1 817	647	11 224	1 376	2 282
Contract labor	ferms, 1982	2	17	57	26	225	33	15
	1978	2	6	109	12	253	27	16
	$1,000, 1982	(D)	(D)	376	172	1 085	55	56
	1978	(D)	100	361	89	1 037	131	5
Customwork, machine hire, and rental of machinery and equipment	ferms, 1982	13	358	335	53	805	453	519
	1978	24	479	575	70	1 001	533	597
	$1,000, 1982	7	384	476	65	1 679	630	610
	1978	6	361	587	87	1 432	534	598
Energy and petroleum products	farms, 1982	74	1 061	1 072	182	1 745	1 157	1 266
	1978	92	1 031	1 170	173	1 920	1 184	1 307
	$1,000, 1982	99	3 695	4 618	351	5 462	4 418	5 520
	1978	73	1 833	2 499	224	3 472	2 512	2 957
Petroleum products	farms, 1982	74	1 061	1 072	182	1 739	1 157	1 266
	1978	92	1 031	1 170	173	1 920	1 184	1 307
	$1,000, 1982	70	2 924	4 049	285	4 474	3 600	4 471
	1978	49	1 374	2 148	176	2 811	1 906	2 125
Gasoline and gasohol	farms, 1982	68	986	962	164	1 686	1 027	1 188
	1978	91	989	1 121	163	1 880	1 094	1 257
	$1,000, 1982	41	1 247	1 715	152	2 335	1 296	1 429
	1978	36	684	1 175	115	1 670	847	965
Storage capacity	farms, 1982	45	684	801	84	1 218	780	888
	1,000 gallons, 1982	13	336	519	43	613	370	444
Diesel fuel	farms, 1982	42	551	696	80	784	636	722
	1978	23	434	607	80	734	526	579
	$1,000, 1982	21	1 094	1 734	96	1 356	1 322	1 767
	1978	7	419	631	41	535	598	626
Storage capacity	farms, 1982	25	418	588	45	546	489	605
	1,000 gallons, 1982	6	224	440	26	333	311	399
LP gas, butane, and propane	farms, 1982	10	115	91	13	238	251	225
	1978	9	161	114	6	245	218	154
	$1,000, 1982	(D)	316	208	14	382	667	543
	1978	1	131	113	(D)	219	288	132
Storage capacity	farms, 1982	5	91	69	4	141	179	139
	1,000 gallons, 1982	2	106	78	4	144	218	179
Fuel oil and kerosene[2]	farms, 1982	2	95	64	12	97	107	92
	1978	3	90	121	22	244	110	140
	$1,000, 1982	(D)	37	24	3	42	44	55
	1978	(D)	30	37	6	107	33	147
Storage capacity	farms, 1982	1	70	39	4	40	76	53
	1,000 gallons, 1982	(D)	18	10	1	17	17	13
Natural gas	farms, 1982	–	7	34	3	28	37	33
	1978	1	7	14	1	44	9	24
	$1,000, 1982	–	22	141	1	99	69	404
	1978	(D)	8	50	(D)	80	5	103
Motor oil and grease[2]	farms, 1982	74	1 061	1 072	182	1 739	1 157	1 266
	1978	92	1 031	1 170	173	1 920	1 184	1 307
	$1,000, 1982	6	208	228	19	260	201	274
	1978	4	102	142	13	199	136	151
Electricity	farms, 1982	58	768	720	100	1 283	849	924
	1978	60	763	827	105	1 365	840	965
	$1,000, 1982	26	757	537	59	960	765	1 006
	1978	21	451	341	42	656	580	814
Other—coal, wood, coke, etc.	farms, 1982	8	51	89	19	58	99	120
	1978	13	21	30	15	54	78	53
	$1,000, 1982	3	14	32	8	27	54	43
	1978	2	8	10	6	6	26	18
1982 interest expense:								
Expenses reported	farms	30	453	601	66	672	589	620
	$1,000	60	3 968	5 561	325	4 700	6 261	5 904
Expenses reported as "No"	farms	42	592	434	108	999	498	611

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on e sample of farms. For meaning of abbreviations end symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Livestock end poultry purchased	farms, 1982	319	91	77	132	129	418	6
	1978	441	86	101	143	136	548	5
	$1,000, 1982	2 352	346	323	453	1 003	2 713	7
	1978	3 542	333	235	404	898	2 759	7
Feed for livestock and poultry	farms, 1982	548	153	137	234	172	726	13
	1978	640	146	138	244	219	764	8
	$1,000, 1982	11 943	631	693	1 586	1 250	6 001	9
	1878	7 737	451	502	908	1 038	4 589	5
Commercially mixed formula feeds	farms, 1982	212	69	67	114	109	347	8
	1978	283	61	29	108	89	417	4
	tons, 1982	25 520	2 178	2 616	7 843	3 825	18 183	20
	1978	13 149	1 362	2 450	2 377	1 774	13 208	6
	$1,000, 1982	4 099	346	490	1 017	715	3 021	3
	1978	2 585	204	360	474	314	2 656	1
Seeds, bulbs, plants, and trees	farms, 1982	803	148	113	190	207	1 182	7
	1978	850	192	139	242	165	1 159	10
	$1,000, 1982	1 761	146	71	93	276	2 526	(D)
	1978	1 368	99	138	92	162	1 667	(D)
Commercial fertilizer	farms, 1982	789	153	121	231	178	1 191	11
	1978	856	202	137	255	186	1 269	10
	$1,000, 1982	4 208	418	200	369	728	6 132	5
	1978	3 396	353	351	413	372	4 311	(D)
Other agricultural chemicals[1]	farms, 1982	707	98	41	28	141	1 116	5
	1978	833	141	75	83	120	1 190	9
	$1,000, 1982	2 116	165	26	25	192	2 802	1
	1978	1 359	130	72	82	108	1 556	2
Hired farm labor	farms, 1982	367	90	64	143	93	604	4
	1978	362	60	76	129	109	424	2
	$1,000, 1982	2 551	249	322	601	564	2 904	2
	1978	2 138	383	212	206	414	1 514	(D)
Contract labor	farms, 1982	22	11	6	13	8	94	1
	1978	64	12	8	12	6	55	1
	$1,000, 1982	307	9	15	12	11	357	(D)
	1978	147	27	5	6	9	206	(D)
Customwork, mechine hire, and rental of machinery and equipment	farms, 1982	495	56	26	83	126	783	1
	1978	466	58	72	128	84	763	2
	$1,000, 1982	740	76	7	37	85	1 200	(D)
	1978	745	102	30	36	56	518	(D)
Energy and petroleum products	farms, 1982	1 022	256	197	371	317	1 508	18
	1978	1 058	248	221	359	315	1 509	16
	$1,000, 1982	3 857	565	430	908	947	5 686	(D)
	1978	2 154	258	317	378	489	2 881	14
Petroleum products	farms, 1982	1 022	256	197	371	317	1 508	18
	1978	1 058	248	221	359	315	1 509	16
	$1,000, 1982	3 191	418	336	715	686	4 497	6
	1978	1 700	190	253	269	349	2 138	12
Gasoline and gasohol	farms, 1982	894	215	191	339	308	1 431	16
	1978	1 012	217	204	344	309	1 389	13
	$1,000, 1982	1 122	211	137	336	282	1 799	(D)
	1978	842	100	115	171	176	958	3
Storage capacity	farms, 1982	632	180	127	242	220	1 014	5
	1,000 gallons, 1982	328	75	63	114	117	496	2
Diesel fuel	farms, 1982	550	134	88	233	149	896	6
	1978	503	131	101	153	133	810	4
	$1,000, 1982	1 239	148	113	286	263	1 888	1
	1978	426	62	52	61	(D)	739	(D)
Storage capacity	farms, 1982	423	113	54	184	132	749	2
	1,000 gallons, 1982	282	42	29	63	69	535	(D)
LP gas, butane, end propane	farms, 1982	250	24	26	37	44	202	1
	1978	243	14	16	5	18	152	1
	$1,000, 1982	571	19	17	3	72	385	(D)
	1978	290	4	12	(D)	19	175	(D)
Storage capacity	farms, 1982	185	11	8	33	38	174	1
	1,000 gallons, 1982	233	7	3	11	27	164	(D)
Fuel oil and kerosene[2]	farms, 1982	110	15	11	36	14	118	2
	1978	81	23	29	22	11	111	3
	$1,000, 1982	35	8	(D)	37	3	55	(D)
	1978	22	4	8	10	11	86	4
Storage capacity	farms, 1982	44	8	2	25	7	56	1
	1,000 gallons, 1982	20	4	(D)	9	2	24	(D)
Netural gas	ferms, 1982	8	8	7	8	12	40	-
	1978	15	17	11	1	1	18	-
	$1,000, 1982	52	3	(D)	13	18	84	-
	1978	13	4	44	(D)	(D)	9	-
Motor oil end grease[2]	farms, 1982	1 022	256	197	371	317	1 508	18
	1978	1 058	248	221	359	315	1 509	16
	$1,000, 1982	172	30	24	40	48	286	1
	1978	108	17	22	25	29	172	(D)
Electricity	farms, 1982	778	185	157	304	246	1 153	12
	1978	692	146	152	285	219	1 038	7
	$1,000, 1982	649	139	85	184	248	1 148	(D)
	1978	451	64	(D)	102	134	734	(D)
Other—coal, wood, coke, etc.	ferms, 1982	32	25	18	53	20	99	3
	1978	14	6	2	32	15	48	1
	$1,000, 1982	16	8	8	8	12	42	(D)
	1978	4	3	(D)	8	5	9	(D)
1982 interest expense:								
Expenses reported	farms	451	102	51	180	166	790	8
	$1,000	5 895	713	384	824	1 262	6 721	7
Expenses reported as "No"	farms	550	144	122	191	136	656	10

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Livestock and poultry purchased	farms, 1982	97	46	278	73	199	157	31
	1978	96	40	374	52	250	139	21
	$1,000, 1982	196	123	1 864	99	4 019	713	95
	1978	165	38	1 383	59	3 141	391	75
Feed for livestock and poultry	farms, 1982	214	84	515	176	301	237	64
	1978	224	80	680	122	365	236	60
	$1,000, 1982	1 287	545	2 785	445	2 084	963	336
	1978	1 368	318	1 966	467	1 742	591	221
Commercially mixed formula feeds	farms, 1982	126	57	294	58	126	45	24
	1978	115	38	289	59	142	84	23
	tons, 1982	3 995	1 419	9 902	908	5 102	1 863	716
	1978	3 863	942	4 708	1 092	5 657	1 808	358
	$1,000, 1982	522	290	1 585	241	1 213	430	116
	1978	523	180	889	168	1 122	285	44
Seeds, bulbs, plants, and trees	farms, 1982	180	62	1 038	124	687	307	39
	1978	179	74	1 159	154	712	296	31
	$1,000, 1982	217	131	2 528	111	1 687	315	10
	1978	258	114	1 750	97	1 306	331	8
Commercial fertilizer	farms, 1982	191	71	1 063	126	752	292	32
	1978	231	79	1 153	175	766	329	32
	$1,000, 1982	469	309	5 472	254	4 040	853	(D)
	1978	466	226	3 535	253	2 642	647	17
Other agricultural chemicals[1]	farms, 1982	122	50	840	106	661	218	12
	1978	177	54	1 062	129	660	253	23
	$1,000, 1982	171	152	2 074	90	1 681	224	3
	1978	153	92	1 337	79	922	211	7
Hired farm labor	farms, 1982	133	64	425	82	330	129	23
	1978	144	57	461	46	312	167	28
	$1,000, 1982	442	420	1 708	224	1 989	398	77
	1978	588	317	1 025	175	1 053	232	112
Contract labor	farms, 1982	2	6	39	2	27	3	2
	1978	16	3	72	1	74	3	3
	$1,000, 1982	(D)	15	49	(D)	112	12	(D)
	1978	20	1	166	(D)	227	7	1
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	58	27	562	58	248	153	23
	1978	133	33	712	31	327	240	25
	$1,000, 1982	71	34	527	94	205	152	5
	1978	42	13	758	13	249	143	4
Energy and petroleum products	farms, 1982	315	123	1 372	253	990	433	82
	1978	333	116	1 392	230	990	408	72
	$1,000, 1982	839	405	4 568	478	3 515	1 002	93
	1978	543	216	2 362	276	1 656	468	61
Petroleum products	farms, 1982	315	123	1 372	253	990	433	82
	1978	333	116	1 392	230	990	408	72
	$1,000, 1982	592	327	3 890	338	2 971	827	64
	1978	393	164	1 792	206	1 290	377	39
Gasoline and gasohol	farms, 1982	289	121	1 270	222	905	426	82
	1978	324	115	1 261	209	928	366	71
	$1,000, 1982	291	158	1 589	141	1 143	412	42
	1978	224	84	970	115	570	194	30
Storage capacity	farms, 1982	185	83	915	163	612	283	50
	1,000 gallons, 1982	77	30	391	67	313	115	17
Diesel fuel	farms, 1982	172	61	717	148	556	229	20
	1978	141	58	678	108	469	193	10
	$1,000, 1982	210	134	1 577	144	1 161	300	12
	1978	106	51	493	60	395	111	2
Storage capacity	farms, 1982	145	50	538	111	443	161	10
	1,000 gallons, 1982	46	27	358	55	284	90	(D)
LP gas, butane, and propane	farms, 1982	25	17	149	8	86	34	2
	1978	53	15	126	7	97	44	4
	$1,000, 1982	21	10	333	6	293	39	(D)
	1978	8	9	115	1	127	23	2
Storage capacity	farms, 1982	7	11	121	7	74	33	-
	1,000 gallons, 1982	5	8	112	1	58	21	-
Fuel oil and kerosene[2]	farms, 1982	58	6	83	31	38	18	8
	1978	44	15	112	19	78	37	11
	$1,000, 1982	20	(D)	30	17	79	10	6
	1978	17	(D)	42	5	64	12	2
Storage capacity	farms, 1982	18	3	52	8	18	6	2
	1,000 gallons, 1982	6	1	14	4	9	2	(D)
Natural gas	farms, 1982	6	2	33	7	36	8	-
	1978	9	2	20	7	57	-	-
	$1,000, 1982	2	(D)	142	4	102	2	-
	1978	7	(D)	33	4	39	-	-
Motor oil and grease[2]	farms, 1982	315	123	1 372	253	990	433	82
	1978	333	116	1 392	230	990	408	72
	$1,000, 1982	48	20	219	26	193	64	(D)
	1978	31	15	139	22	94	37	4
Electricity	farms, 1982	261	93	882	188	597	301	70
	1978	254	96	991	165	678	238	59
	$1,000, 1982	231	71	654	129	528	156	21
	1978	146	49	560	70	362	91	20
Other—coal, wood, coke, etc.	farms, 1982	49	16	54	31	63	53	21
	1978	8	13	35	5	19	5	8
	$1,000, 1982	16	7	24	11	15	19	8
	1978	4	3	10	(Z)	3	(Z)	2
1982 interest expense:								
Expenses reported	farms	100	63	653	74	410	133	27
	$1,000	630	259	5 582	355	4 395	1 005	82
Expenses reported as "No"	farms	198	58	686	149	547	289	55

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Deta are besed on a sample of farms. For meaning of ebbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Livestock and poultry purchased	farms, 1982	104	280	406	78	468	349	439	74
	1978	97	357	418	58	534	340	482	66
	$1,000, 1982	998	5 084	5 609	161	20 637	2 133	3 407	995
	1978	402	4 744	3 935	33	15 593	1 599	2 755	334
Feed for livestock and poultry	farms, 1982	149	401	701	113	799	567	662	123
	1978	133	471	681	126	876	593	724	143
	$1,000, 1982	523	4 322	6 681	495	18 999	3 953	7 659	664
	1978	409	5 054	4 410	496	11 541	3 286	5 640	576
Commercially mixed formule feeds	farms, 1982	80	274	356	68	557	320	369	27
	1978	44	289	321	83	562	321	328	50
	tons, 1982	1 131	15 416	15 216	1 477	94 383	10 813	30 228	1 009
	1978	1 494	19 639	13 551	2 375	37 786	9 459	24 331	1 520
	$1,000, 1982	201	2 709	2 926	244	14 074	1 969	5 318	203
	1978	278	3 343	2 323	356	6 376	1 838	3 983	272
Seeds, bulbs, plants, and trees	farms, 1982	245	1 006	1 106	92	1 413	791	914	156
	1978	345	1 202	1 264	127	1 547	821	975	165
	$1,000, 1982	492	3 312	2 375	77	5 416	2 207	2 282	259
	1978	541	2 391	1 596	64	3 358	1 946	1 563	128
Commercial fertilizer	farms, 1982	362	1 028	1 023	123	1 458	758	902	184
	1978	397	1 173	1 248	157	1 545	887	1 042	170
	$1,000, 1982	948	7 826	6 087	148	16 646	5 479	5 943	681
	1978	985	5 666	4 447	110	10 148	4 365	3 937	318
Other agricultural chemicals[1]	farms, 1982	317	897	979	57	1 257	729	870	125
	1978	416	1 049	1 188	131	1 383	828	985	140
	$1,000, 1982	1 166	3 434	2 479	28	5 252	2 469	2 267	187
	1978	1 358	1 900	1 394	46	2 293	1 597	1 711	77
Hired farm labor	farms, 1982	204	391	461	75	679	371	470	84
	1978	279	424	458	66	664	417	453	86
	$1,000, 1982	1 607	2 225	2 119	142	5 402	3 254	3 905	618
	1978	2 209	1 639	1 464	205	2 711	2 715	2 616	256
Contract labor	farms, 1982	22	27	42	5	56	62	29	-
	1978	61	60	44	10	108	64	48	2
	$1,000, 1982	162	314	127	3	354	193	210	-
	1978	435	288	145	4	216	128	173	(D)
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	138	409	591	38	674	453	450	41
	1978	207	533	723	67	876	547	645	116
	$1,000, 1982	202	690	1 117	12	1 403	584	614	37
	1978	425	466	669	22	1 233	557	511	33
Energy and petroleum products	farms, 1982	462	1 208	1 354	195	1 655	1 105	1 187	244
	1978	481	1 329	1 523	213	1 797	1 059	1 230	236
	$1,000, 1982	1 238	6 252	4 973	330	10 782	4 561	5 287	704
	1978	857	3 231	2 756	321	5 456	2 518	2 980	327
Petroleum products	farms, 1982	455	1 208	1 334	195	1 655	1 105	1 173	244
	1978	475	1 329	1 523	213	1 797	1 059	1 230	236
	$1,000, 1982	988	5 259	4 014	215	8 584	3 584	4 042	593
	1978	672	2 548	2 086	220	4 264	1 904	2 182	250
Gasoline and gasohol	farms, 1982	431	1 125	1 177	190	1 592	1 013	1 074	226
	1978	418	1 223	1 380	212	1 709	980	1 150	236
	$1,000, 1982	524	1 911	1 372	109	3 705	1 185	1 423	258
	1978	389	1 207	983	124	2 197	770	1 027	149
Storage capacity	farms, 1982	340	953	892	147	1 347	754	785	167
	1,000 gallons, 1982	189	513	467	46	875	383	416	79
Diesel fuel	farms, 1982	231	825	829	90	1 242	545	803	130
	1978	286	821	737	66	1 183	585	674	56
	$1,000, 1982	304	2 473	1 785	70	3 650	1 439	1 812	211
	1978	163	897	652	23	1 538	627	795	56
Storage capacity	farms, 1982	184	717	640	71	1 071	425	668	109
	1,000 gallons, 1982	109	538	430	22	798	364	417	63
LP gas, butane, and propane	farms, 1982	42	211	232	11	220	197	169	22
	1978	65	163	227	23	151	165	168	21
	$1,000, 1982	51	417	566	(D)	670	519	474	38
	1978	18	229	255	11	164	279	156	14
Storage capacity	farms, 1982	30	168	175	10	183	167	128	15
	1,000 gallons, 1982	30	136	185	6	210	215	120	22
Fuel oil and kerosene[2]	farms, 1982	53	99	50	7	117	100	76	2
	1978	76	106	121	31	161	91	106	19
	$1,000, 1982	21	53	39	(D)	46	91	52	(D)
	1978	33	32	21	28	69	59	42	4
Storage capacity	farms, 1982	23	61	32	-	91	53	62	1
	1,000 gallons, 1982	14	28	15	-	29	39	20	(D)
Natural gas	farms, 1982	4	43	26	6	24	17	54	11
	1978	13	22	37	5	49	23	15	15
	$1,000, 1982	20	130	16	8	52	161	45	(D)
	1978	20	20	27	19	33	53	8	7
Motor oil and grease[2]	farms, 1982	455	1 208	1 334	195	1 655	1 105	1 173	244
	1978	475	1 329	1 523	213	1 797	1 059	1 230	236
	$1,000, 1982	68	275	235	17	463	189	237	42
	1978	48	163	149	16	263	116	154	19
Electricity	farms, 1982	325	980	984	163	1 324	789	889	136
	1978	386	882	1 030	182	1 371	754	932	151
	$1,000, 1982	237	976	905	100	2 125	963	1 215	108
	1978	183	679	663	97	1 169	602	787	75
Other—coal, wood, coke, etc.	farms, 1982	43	70	74	48	115	30	69	18
	1978	17	22	23	16	66	39	46	10
	$1,000, 1982	12	18	55	15	73	14	29	2
	1978	2	4	7	3	22	13	12	1
1982 interest expense:									
Expenses reported	farms	190	715	692	51	937	565	588	106
	$1,000	2 024	9 102	5 822	281	15 807	7 340	5 986	983
Expenses reported as "No"	farms	240	445	614	127	621	491	487	120

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Deta are based on a sample of farms. For meaning of abbraviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaske	Kent	Keweenaw	Lake
Livestock and poultry purchased	farms, 1982	32	254	381	295	31	450	-	50
	1978	28	312	478	279	31	494	3	38
	$1,000, 1982	67	4 116	4 982	3 681	39	3 237	-	41
	1978	80	3 606	4 092	4 531	43	2 578	1	44
Feed for livestock and poultry	farms, 1982	65	515	611	450	54	685	4	69
	1978	62	481	643	469	53	773	4	74
	$1,000, 1982	161	4 074	3 715	5 037	246	5 927	3	240
	1978	115	3 299	2 564	4 036	167	4 942	3	148
Commercially mixed formula feeds	farms, 1982	20	224	324	251	27	429	3	23
	1978	29	270	254	220	27	364	2	34
	tons, 1982	470	11 820	12 104	18 081	465	17 282	9	507
	1978	495	10 087	6 740	15 356	376	15 892	(D)	429
	$1,000, 1982	77	2 207	2 157	3 440	105	3 626	1	112
	1978	74	2 077	1 216	2 843	78	3 093	(D)	76
Seeds, bulbs, plants, and trees	farms, 1982	52	809	955	615	64	1 004	1	59
	1978	42	820	942	748	62	1 124	2	76
	$1,000, 1982	100	1 624	1 949	1 972	117	3 444	(D)	38
	1978	38	1 300	1 290	1 965	87	2 782	(D)	31
Commercial fertilizer	farms, 1982	48	792	925	609	61	1 097	1	58
	1978	46	806	930	738	61	1 192	1	74
	$1,000, 1982	146	3 987	5 252	4 111	285	4 501	(D)	79
	1978	70	2 999	3 470	3 080	124	3 381	(D)	61
Other agricultural chemicals[1]	farms, 1982	25	700	762	575	43	972	-	39
	1978	32	698	912	725	52	1 190	1	40
	$1,000, 1982	79	1 850	2 159	1 658	82	3 856	-	26
	1978	45	937	1 350	1 180	60	2 511	(D)	19
Hired farm labor	farms, 1982	39	329	338	401	20	721	-	45
	1978	33	475	360	428	29	655	-	37
	$1,000, 1982	278	1 884	2 777	4 626	229	10 072	-	54
	1978	201	1 758	2 536	3 666	132	7 769	-	57
Contract labor	farms, 1982	2	21	17	66	3	99	-	2
	1978	7	7	55	65	3	129	-	-
	$1,000, 1982	(D)	15	48	315	(D)	1 499	-	(D)
	1978	5	16	138	83	2	846	-	-
Customwork, machina hire, and rental of machinery and equipment	farms, 1982	13	382	449	275	23	540	-	35
	1978	31	400	502	343	22	618	-	45
	$1,000, 1982	5	338	523	497	16	864	-	5
	1978	12	371	498	470	17	784	-	14
Energy and petroleum products	farms, 1982	98	1 011	1 242	961	91	1 519	3	118
	1978	92	992	1 180	971	91	1 456	5	127
	$1,000, 1982	278	3 746	4 268	4 693	328	6 770	(D)	181
	1978	116	2 225	2 471	3 007	174	4 776	2	118
Petrolaum products	farms, 1982	98	1 011	1 242	961	91	1 511	3	118
	1978	92	992	1 176	971	91	1 450	5	127
	$1,000, 1982	207	2 936	3 418	3 814	247	5 159	(Z)	124
	1978	91	1 715	1 878	2 458	129	3 385	1	82
Gasoline and gasohol	farms, 1982	95	878	1 159	841	77	1 449	3	116
	1978	91	931	1 144	890	85	1 360	5	125
	$1,000, 1982	124	1 102	1 334	1 048	78	1 940	(D)	71
	1978	58	840	943	796	53	1 330	1	55
Storage capacity	farms, 1982	66	656	829	571	45	947	-	74
	1,000 gallons, 1982	30	329	379	301	21	501	-	31
Diesel fuel	farms, 1982	38	609	671	463	51	791	-	37
	1978	27	521	538	479	47	752	2	38
	$1,000, 1982	62	1 304	1 442	1 082	125	1 608	-	36
	1978	18	677	567	517	47	871	(D)	16
Storage capacity	farms, 1982	29	497	503	350	36	595	-	22
	1,000 gallons, 1982	12	323	317	238	20	344	-	14
LP gas, butana, and propane	farms, 1982	15	155	108	194	20	210	-	3
	1978	13	65	105	230	9	210	-	4
	$1,000, 1982	5	258	243	505	29	247	-	2
	1978	(D)	57	159	294	9	223	-	1
Storage capacity	farms, 1982	9	135	78	136	12	102	-	1
	1,000 gallons, 1982	3	112	83	165	10	79	-	(D)
Fuel oil and kerosene[2]	farms, 1982	6	61	56	79	1	139	-	-
	1978	7	94	108	57	9	173	-	5
	$1,000, 1982	(D)	32	22	75	(D)	84	-	-
	1978	3	22	58	101	11	133	-	1
Storage capacity	farms, 1982	2	19	19	27	1	87	-	-
	1,000 gallons, 1982	(D)	12	6	13	(D)	34	-	-
Natural gas	farms, 1982	2	36	22	97	1	82	-	-
	1978	1	18	35	74	-	64	-	-
	$1,000, 1982	(D)	56	137	939	(D)	1 034	-	-
	1978	(D)	11	19	580	-	637	-	-
Motor oil and grease[2]	farms, 1982	98	1 011	1 242	961	91	1 511	3	118
	1978	92	992	1 176	970	91	1 450	5	127
	$1,000, 1982	13	185	239	166	(D)	246	(D)	15
	1978	9	108	133	171	9	190	(D)	10
Electricity	farms, 1982	76	720	849	706	60	1 100	1	100
	1978	71	714	786	645	57	1 122	3	90
	$1,000, 1982	67	773	838	850	79	1 578	(D)	55
	1978	23	495	584	541	42	1 373	(D)	35
Other—coal, wood, coke, etc.	farms, 1982	12	92	18	58	4	98	2	8
	1978	13	64	33	17	4	40	2	9
	$1,000, 1982	4	38	13	28	1	34	(D)	2
	1978	3	15	9	7	2	19	(D)	1
1982 interest expense:									
Expenses raported	farms	41	521	555	503	33	640	-	39
	$1,000	140	4 050	6 140	4 828	183	6 931	-	132
Expenses reported as "No"	farms	53	438	656	422	57	828	4	76

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Livestock and poultry purchased	farms, 1982	502	99	456	321	9	35	159	81
	1978	440	81	511	263	13	33	153	119
	$1,000, 1982	4 407	1 074	5 936	3 256	176	85	1 726	293
	1978	3 661	919	8 263	1 808	212	71	1 209	154
Feed for livestock and poultry	farms, 1982	721	144	685	499	19	69	259	114
	1978	748	150	674	431	19	65	322	162
	$1,000, 1982	3 864	822	6 138	4 189	46	599	1 297	173
	1978	2 654	751	4 343	1 686	91	436	1 096	169
Commercially mixed formula feeds	farms, 1982	386	76	304	302	8	43	123	44
	1978	366	82	283	232	3	37	149	66
	tons, 1982	7 943	2 531	15 035	16 710	215	1 564	5 368	448
	1978	5 972	1 823	10 787	4 107	337	1 439	2 640	451
	$1,000, 1982	2 057	470	3 075	2 487	26	291	929	78
	1978	1 196	259	1 885	645	41	239	573	57
Seeds, bulbs, plants, and trees	farms, 1982	957	185	1 314	564	18	51	555	153
	1978	951	260	1 521	561	18	49	617	203
	$1,000, 1982	1 990	264	4 837	933	34	37	2 007	304
	1978	1 365	503	3 426	810	28	37	1 596	251
Commercial fertilizer	farms, 1982	965	322	1 304	546	16	55	625	185
	1978	1 018	325	1 551	557	22	63	674	246
	$1,000, 1982	5 045	1 103	11 852	2 636	34	98	2 093	564
	1978	3 523	921	8 358	1 976	34	105	1 688	323
Other agricultural chemicals[1]	farms, 1982	801	336	1 199	432	11	21	599	185
	1978	799	363	1 444	534	14	35	639	193
	$1,000, 1982	2 052	1 671	5 159	863	9	13	1 206	1 001
	1978	1 232	976	2 914	644	9	30	733	411
Hired farm labor	farms, 1982	417	214	538	278	9	31	317	138
	1978	559	218	543	259	16	33	390	141
	$1,000, 1982	5 060	2 849	3 831	2 825	15	158	3 703	1 575
	1978	4 762	2 393	2 532	1 203	62	110	3 396	1 254
Contract labor	farms, 1982	58	58	40	18	1	2	32	36
	1978	37	78	68	3	1	2	19	46
	$1,000, 1982	163	186	359	141	(D)	(D)	104	289
	1978	219	658	585	32	(D)	(D)	256	227
Customwork, machine hire, and rental of machinary and equipment	farms, 1982	514	145	550	237	10	25	219	114
	1978	556	187	786	377	12	23	305	141
	$1,000, 1982	535	536	1 271	419	3	30	322	188
	1978	566	425	856	339	8	19	228	117
Energy and petroleum products	farms, 1982	1 361	429	1 618	884	30	96	819	304
	1978	1 315	416	1 840	781	30	87	839	331
	$1,000, 1982	4 979	1 678	7 130	2 926	87	254	3 550	837
	1978	3 211	772	4 299	1 488	71	146	2 436	517
Petroleum products	farms, 1982	1 361	429	1 618	884	30	96	819	304
	1978	1 315	416	1 840	781	30	87	839	331
	$1,000, 1982	3 837	1 292	5 955	2 251	62	180	2 922	603
	1978	2 255	618	3 547	1 071	56	106	1 972	381
Gasoline and gasohol	farms, 1982	1 276	404	1 478	800	28	79	731	294
	1978	1 214	395	1 689	728	30	83	810	311
	$1,000, 1982	1 428	697	2 140	904	30	88	889	327
	1978	971	323	1 576	527	29	60	722	239
Storage capacity	farms, 1982	789	297	1 134	531	19	65	441	169
	1,000 gallons, 1982	398	209	568	245	13	27	246	94
Diesel fuel	farms, 1982	645	275	1 037	412	21	68	437	122
	1978	649	250	1 098	408	18	46	336	154
	$1,000, 1982	1 504	474	2 659	898	27	72	738	177
	1978	613	209	1 304	363	22	28	266	93
Storage capacity	farms, 1982	464	232	782	269	17	51	317	103
	1,000 gallons, 1982	306	178	558	264	10	19	178	52
LP gas, butane, and propane	farms, 1982	167	46	254	110	4	5	95	50
	1978	126	23	307	96	1	4	83	44
	$1,000, 1982	314	30	684	235	1	(D)	98	42
	1978	137	4	376	72	(D)	3	61	20
Storage capacity	farms, 1982	91	23	218	68	3	3	72	13
	1,000 gallons, 1982	89	10	233	61	(D)	(D)	46	7
Fuel oil and kerosene[2]	farms, 1982	90	18	76	88	3	15	63	32
	1978	96	57	93	113	4	10	144	30
	$1,000, 1982	49	7	45	46	(D)	4	147	17
	1978	34	27	54	40	(D)	6	475	4
Storage capacity	farms, 1982	34	9	40	52	-	10	33	15
	1,000 gallons, 1982	21	4	11	14	-	3	21	9
Natural gas	farms, 1982	68	5	47	3	2	2	64	-
	1978	24	10	28	10	-	-	61	-
	$1,000, 1982	342	4	105	30	(D)	(D)	924	-
	1978	348	3	9	6	-	-	356	-
Motor oil and grease[2]	farms, 1982	1 361	429	1 618	884	30	96	819	304
	1978	1 315	416	1 840	781	30	87	839	331
	$1,000, 1982	200	80	321	139	4	13	125	40
	1978	152	51	228	63	3	9	91	27
Electricity	farms, 1982	943	360	1 220	611	20	78	555	239
	1978	949	310	1 175	558	21	69	621	232
	$1,000, 1982	1 098	354	1 163	665	23	66	568	230
	1978	939	147	738	408	(D)	37	460	130
Other—coal, wood, coke, etc.	farms, 1982	74	78	32	56	4	24	63	6
	1978	45	38	51	48	2	7	15	25
	$1,000, 1982	43	31	11	10	2	8	60	3
	1978	18	7	14	9	(D)	2	4	6
1982 interest expense:									
Expenses reported	farms	581	227	880	375	18	43	291	95
	$1,000	5 373	1 984	11 775	3 500	130	280	1 904	690
Expenses reported as "No"	farms	713	180	689	481	11	49	513	191

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Meson	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Livestock and poultry purchased	farms, 1982	38	141	216	143	184	145	338	382
	1978	44	81	235	168	123	150	383	350
	$1,000, 1982	25	1 295	2 810	593	3 164	1 375	3 805	1 035
	1978	67	1 084	531	516	1 744	1 503	3 009	926
Feed for livestock and poultry	farms, 1982	71	219	392	355	264	250	436	546
	1978	71	192	371	390	154	276	478	537
	$1,000, 1982	172	1 357	2 552	3 529	1 622	4 141	3 446	3 021
	1978	299	729	1 570	2 580	641	2 993	1 587	2 542
Commercially mixed formula feeds	farms, 1982	34	102	189	252	142	200	226	272
	1978	33	106	174	254	58	188	224	247
	tons, 1982	858	2 823	4 806	14 705	1 528	14 671	10 103	6 672
	1978	1 608	1 813	5 293	12 022	1 756	11 086	4 974	7 701
	$1,000, 1982	128	640	1 101	2 268	333	2 403	1 674	1 389
	1978	222	330	841	1 795	310	1 626	797	1 353
Seeds, bulbs, plants, and trees	farms, 1982	32	294	469	272	363	264	1 225	803
	1978	50	343	478	285	375	299	1 158	974
	$1,000, 1982	45	521	782	430	859	457	4 031	3 586
	1978	24	586	528	270	606	324	2 501	2 542
Commercial fertilizer	farms, 1982	49	311	425	325	376	259	1 128	869
	1978	56	378	481	390	465	303	1 311	985
	$1,000, 1982	87	1 197	1 369	1 098	2 189	1 357	7 315	5 521
	1978	85	987	1 007	842	1 679	744	5 193	3 903
Other agricultural chemicals[1]	farms, 1982	27	300	289	226	303	225	996	709
	1978	41	372	397	284	410	280	1 208	928
	$1,000, 1982	35	944	614	249	976	300	3 521	2 895
	1978	31	603	314	164	523	263	2 117	1 683
Hired farm labor	farms, 1982	33	216	209	174	188	161	392	385
	1978	32	182	187	196	153	170	447	398
	$1,000, 1982	126	1 546	1 096	1 209	516	1 263	4 119	3 492
	1978	145	1 114	859	784	331	657	2 629	2 268
Contract labor	farms, 1982	-	24	21	2	20	15	49	37
	1978	3	75	24	26	26	13	58	41
	$1,000, 1982	-	216	48	(D)	22	36	204	575
	1978	1	154	5	18	12	13	59	134
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	10	172	213	170	183	144	513	468
	1978	29	221	284	225	259	150	639	571
	$1,000, 1982	28	228	256	90	284	213	667	963
	1978	17	204	220	108	219	137	619	655
Energy and petroleum products	farms, 1982	125	492	676	458	502	322	1 452	1 124
	1978	101	496	682	490	524	359	1 520	1 208
	$1,000, 1982	238	1 579	2 081	1 595	1 572	1 710	5 825	5 221
	1978	146	763	1 111	981	825	943	3 318	2 828
Petroleum products	farms, 1982	125	492	676	458	502	322	1 452	1 124
	1978	101	496	677	490	524	359	1 520	1 208
	$1,000, 1982	181	1 097	1 508	1 184	1 347	1 089	5 089	3 946
	1978	116	575	736	710	692	628	2 724	2 086
Gasoline and gasohol	farms, 1982	119	421	641	437	442	295	1 323	1 054
	1978	98	466	648	473	500	333	1 478	1 143
	$1,000, 1982	85	481	637	490	608	459	1 781	1 603
	1978	57	301	437	395	374	290	1 290	908
Storage capacity	farms, 1982	93	220	437	379	295	221	1 012	759
	1,000 gallons, 1982	29	148	236	134	153	107	537	420
Diesel fuel	farms, 1982	55	257	359	270	297	179	827	543
	1978	34	245	253	228	221	221	700	649
	$1,000, 1982	56	435	648	531	545	494	2 071	1 738
	1978	26	178	185	180	242	209	760	867
Storage capacity	farms, 1982	42	185	285	255	284	150	629	436
	1,000 gallons, 1982	12	111	209	90	166	89	467	420
LP gas, butane, and propane	farms, 1982	18	43	61	73	48	23	235	137
	1978	14	45	32	56	24	23	203	115
	$1,000, 1982	9	72	103	57	96	18	464	268
	1978	7	32	25	31	22	27	274	77
Storage capacity	farms, 1982	7	40	31	37	43	21	223	111
	1,000 gallons, 1982	2	35	27	26	45	20	193	99
Fuel oil and kerosene[2]	farms, 1982	9	52	40	37	10	28	106	78
	1978	17	53	46	76	32	48	149	98
	$1,000, 1982	20	31	14	24	6	37	39	39
	1978	15	18	16	31	(D)	56	95	41
Storage capacity	farms, 1982	6	39	17	34	3	12	69	68
	1,000 gallons, 1982	3	22	11	11	1	4	19	20
Natural gas	farms, 1982	-	-	3	18	5	5	45	20
	1978	3	3	24	17	1	3	21	26
	$1,000, 1982	-	-	4	12	8	7	458	59
	1978	1	2	19	20	(D)	1	152	39
Motor oil and grease[2]	farms, 1982	125	492	676	458	502	322	1 452	1 124
	1978	101	496	677	490	524	359	1 520	1 208
	$1,000, 1982	11	77	103	69	83	75	275	239
	1978	10	44	53	52	44	45	152	154
Electricity	farms, 1982	70	386	506	393	356	300	919	843
	1978	73	362	446	399	383	262	869	818
	$1,000, 1982	51	462	548	397	222	601	706	1 258
	1978	28	185	354	262	129	(D)	484	722
Other—coal, wood, coke, etc.	farms, 1982	15	56	54	47	10	64	93	47
	1978	11	24	43	31	10	1	32	73
	$1,000, 1982	5	20	24	15	3	20	30	17
	1978	2	3	22	9	4	(D)	110	21
1982 interest expense:									
Expenses reported	farms	29	219	265	226	283	203	719	510
	$1,000	122	1 967	2 212	2 276	2 838	2 918	6 652	6 551
Expenses reported as "No"	farms	93	260	395	223	205	136	670	562

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Livestock and poultry purchased	farms, 1982	48	152	302	272	189	128	39	229
	1978	28	204	279	146	197	126	39	160
	$1,000, 1982	148	977	1 649	726	1 323	468	63	619
	1978	47	1 516	894	791	1 351	273	55	636
Feed for livestock and poultry	farms, 1982	58	238	437	391	257	205	109	379
	1978	62	270	485	291	278	207	112	362
	$1,000, 1982	344	1 734	4 574	1 065	2 033	1 002	219	2 995
	1978	239	1 094	2 744	957	1 205	627	320	2 096
Commercially mixed formula feeds	farms, 1982	30	132	254	247	162	111	39	249
	1978	29	145	259	145	129	96	55	174
	tons, 1982	1 077	4 047	23 987	3 708	5 837	1 988	868	7 666
	1978	1 072	2 940	13 151	2 744	4 745	2 333	1 949	7 649
	$1,000, 1982	199	759	3 696	599	1 072	413	145	1 489
	1978	168	531	1 827	449	721	356	259	1 121
Seeds, bulbs, plants, and trees	farms, 1982	56	314	566	238	528	199	54	337
	1978	64	324	642	381	574	214	80	348
	$1,000, 1982	64	748	1 070	1 797	911	272	17	338
	1978	53	568	682	2 085	1 042	226	24	300
Commercial fertilizer	farms, 1982	56	354	499	223	543	172	61	299
	1978	76	390	669	313	681	199	82	340
	$1,000, 1982	181	1 571	1 997	674	1 824	641	34	711
	1978	132	1 040	1 339	760	1 807	603	66	634
Other agricultural chemicals[1]	farms, 1982	44	279	434	223	564	111	17	208
	1978	44	340	575	338	643	143	38	260
	$1,000, 1982	47	1 140	1 716	449	2 706	202	10	213
	1978	27	555	712	280	1 623	152	24	163
Hired farm labor	farms, 1982	38	193	292	276	367	73	49	207
	1978	28	200	294	226	426	124	62	187
	$1,000, 1982	163	3 130	2 963	2 752	4 077	444	68	1 147
	1978	95	2 156	1 692	3 429	4 043	395	94	481
Contract labor	farms, 1982	–	34	42	58	76	3	4	12
	1978	6	53	13	61	131	14	6	13
	$1,000, 1982	–	276	358	353	558	2	1	21
	1978	7	498	59	144	686	11	4	11
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	34	137	234	110	285	51	18	180
	1978	33	216	366	192	412	110	45	192
	$1,000, 1982	23	275	383	92	483	65	11	156
	1978	27	276	252	116	562	49	13	107
Energy and petroleum products	farms, 1982	106	473	784	682	735	308	145	549
	1978	108	484	804	610	769	302	147	548
	$1,000, 1982	350	1 970	2 708	1 797	2 419	1 034	223	1 415
	1978	159	1 317	1 587	1 347	1 502	612	161	838
Petroleum products	farms, 1982	106	473	784	682	735	308	145	549
	1978	108	484	804	610	769	302	147	548
	$1,000, 1982	252	1 411	1 894	1 427	1 766	720	165	945
	1978	115	953	1 114	1 066	1 067	434	108	537
Gasoline and gasohol	farms, 1982	95	428	741	644	648	267	145	506
	1978	98	452	761	564	721	286	146	517
	$1,000, 1982	100	504	872	469	891	291	91	421
	1978	54	443	564	397	578	185	78	312
Storage capacity	farms, 1982	68	293	442	307	439	182	103	334
	1,000 gallons, 1982	36	159	225	149	235	114	29	145
Diesel fuel	farms, 1982	71	259	355	239	483	176	53	248
	1978	54	225	379	243	407	144	44	177
	$1,000, 1982	122	520	702	406	612	338	48	371
	1978	41	276	290	164	328	145	13	146
Storage capacity	farms, 1982	52	188	292	126	366	142	37	172
	1,000 gallons, 1982	26	139	190	112	191	83	10	86
LP gas, butane, and propane	farms, 1982	14	40	78	74	54	29	12	38
	1978	13	43	28	38	57	7	6	29
	$1,000, 1982	8	69	131	119	75	19	11	32
	1978	9	22	38	30	17	8	3	12
Storage capacity	farms, 1982	9	30	56	34	25	23	8	13
	1,000 gallons, 1982	6	26	46	49	20	11	7	7
Fuel oil and kerosene[2]	farms, 1982	9	44	41	127	58	32	12	31
	1978	10	31	82	59	106	37	4	52
	$1,000, 1982	(D)	20	27	46	50	(D)	(D)	39
	1978	(D)	22	53	40	50	55	(Z)	12
Storage capacity	farms, 1982	2	17	20	61	30	26	2	20
	1,000 gallons, 1982	(D)	5	6	25	18	7	(D)	6
Natural gas	farms, 1982	4	16	10	23	9	2	2	5
	1978	2	34	12	45	6	16	4	11
	$1,000, 1982	(D)	201	49	322	5	(D)	(D)	5
	1978	(D)	120	70	384	4	6	3	8
Motor oil and grease[2]	farms, 1982	106	473	784	682	735	308	145	549
	1978	108	484	804	610	769	302	147	548
	$1,000, 1982	19	98	114	65	133	55	13	78
	1978	9	69	99	51	91	36	11	46
Electricity	farms, 1982	80	377	552	470	521	241	113	424
	1978	74	369	547	419	553	209	122	414
	$1,000, 1982	93	544	800	359	636	301	56	458
	1978	43	358	468	280	428	174	49	300
Other—coal, wood, coke, etc.	farms, 1982	15	30	49	61	37	49	12	40
	1978	9	51	32	7	37	15	18	18
	$1,000, 1982	5	15	14	11	16	13	3	12
	1978	1	8	6	1	7	4	4	2
1982 interest expense:									
Expenses reported	farms	41	188	353	206	370	68	59	240
	$1,000	415	1 784	2 978	977	2 847	1 082	157	1 387
Expenses reported as "No"	farms	65	277	386	459	332	217	77	300

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Livestock and poultry purchased	farms, 1982	42	47	628	103	16	347	324	420
	1978	33	39	721	179	7	394	358	400
	$1,000, 1982	155	378	11 349	347	8	2 255	1 727	3 006
	1978	155	61	10 731	485	6	1 644	2 876	2 561
Feed for livestock and poultry	farms, 1982	66	73	909	175	23	466	568	559
	1978	58	76	1 015	212	18	549	590	597
	$1,000, 1982	329	374	28 696	1 018	32	2 236	2 874	4 878
	1978	291	130	16 178	750	37	1 991	3 240	4 172
Commercially mixed formula feeds	farms, 1982	37	40	534	78	8	248	253	244
	1978	30	30	534	66	3	230	269	325
	tons, 1982	919	912	127 543	2 385	55	5 046	9 418	12 949
	1978	1 208	325	76 342	2 963	75	6 000	12 527	17 745
	$1,000, 1982	155	165	23 130	458	7	1 074	1 692	2 669
	1978	175	53	12 848	437	(D)	1 136	2 020	2 699
Seeds, bulbs, plants, and trees	farms, 1982	50	90	1 126	201	7	1 436	889	843
	1978	58	99	1 147	225	10	1 455	842	870
	$1,000, 1982	40	88	4 981	375	5	3 324	1 479	1 995
	1978	35	67	3 507	324	15	2 721	1 066	1 352
Commercial fertilizer	farms, 1982	54	98	1 259	232	16	1 461	927	781
	1978	53	101	1 303	299	12	1 621	945	870
	$1,000, 1982	125	175	4 971	948	19	9 861	3 667	6 200
	1978	97	174	3 043	724	10	7 284	2 723	4 187
Other agricultural chemicals[1]	farms, 1982	36	62	1 101	143	6	1 376	732	772
	1978	35	82	1 187	222	5	1 493	747	858
	$1,000, 1982	24	38	3 295	422	10	4 608	1 772	2 467
	1978	19	67	1 685	238	(D)	2 466	859	1 394
Hired farm labor	farms, 1982	32	61	738	139	14	638	310	316
	1978	31	49	748	191	10	517	371	285
	$1,000, 1982	169	152	17 031	825	18	3 160	2 411	2 423
	1978	59	86	9 474	565	(D)	2 098	1 283	1 722
Contract labor	farms, 1982	1	4	88	-	-	38	42	24
	1978	1	7	82	21	1	39	20	35
	$1,000, 1982	(D)	11	481	-	-	131	72	466
	1978	(D)	5	1 301	32	(D)	105	58	161
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	20	28	733	88	4	505	342	446
	1978	22	29	718	141	3	707	450	554
	$1,000, 1982	5	11	1 265	64	1	668	481	809
	1978	4	12	755	85	(D)	627	418	650
Energy and petroleum products	farms, 1982	86	142	1 561	335	37	1 702	1 297	1 024
	1978	78	151	1 572	349	30	1 818	1 314	1 061
	$1,000, 1982	183	355	8 098	1 156	40	6 450	3 755	4 650
	1978	122	208	4 009	636	30	3 514	2 058	2 541
Petroleum products	farms, 1982	86	142	1 561	335	37	1 702	1 297	1 024
	1978	78	149	1 572	349	30	1 818	1 314	1 061
	$1,000, 1982	140	271	5 950	898	31	5 571	3 000	3 799
	1978	79	156	2 817	462	21	2 951	1 594	1 936
Gasoline and gasohol	farms, 1982	80	128	1 486	314	35	1 621	1 178	916
	1978	74	144	1 523	326	30	1 751	1 203	1 034
	$1,000, 1982	65	128	2 401	340	21	2 520	1 127	1 281
	1978	45	90	1 389	234	16	1 647	828	786
Storage capacity	farms, 1982	45	98	1 042	210	21	1 370	866	672
	1,000 gallons, 1982	23	50	508	108	9	729	433	298
Diesal fuel	farms, 1982	53	86	753	203	15	1 039	825	577
	1978	42	69	613	197	7	893	606	519
	$1,000, 1982	60	102	1 628	443	7	2 330	1 293	1 592
	1978	24	41	581	173	3	882	461	654
Storage capacity	farms, 1982	34	68	592	163	11	919	664	461
	1,000 gallons, 1982	11	29	319	103	4	606	359	313
LP gas, butane, and propane	farms, 1982	14	9	206	52	-	135	145	271
	1978	8	11	125	27	-	78	77	268
	$1,000, 1982	5	9	661	40	-	247	246	646
	1978	3	4	213	(D)	-	79	88	301
Storage capacity	farms, 1982	10	7	117	34	-	120	116	204
	1,000 gallons, 1982	4	2	176	19	-	110	95	262
Fuel oil and kerosene[2]	farms, 1982	6	17	95	32	2	53	120	138
	1978	3	16	157	46	2	155	68	89
	$1,000, 1982	(D)	(D)	105	5	(D)	11	59	52
	1978	1	8	231	9	(D)	55	67	27
Storage capacity	farms, 1982	4	10	51	4	1	26	71	52
	1,000 gallons, 1982	1	7	24	1	(D)	7	21	17
Natural gas	farms, 1982	1	2	115	21	2	60	26	33
	1978	-	4	83	2	1	60	12	8
	$1,000, 1982	(D)	(D)	885	9	(D)	124	76	30
	1978	-	1	233	(D)	(D)	76	19	31
Motor oil and grease[2]	farms, 1982	86	142	1 561	335	37	1 702	1 297	1 024
	1978	78	149	1 572	349	30	1 818	1 314	1 061
	$1,000, 1982	9	27	271	62	2	338	199	199
	1978	6	11	169	36	2	213	132	137
Electricity	farms, 1982	52	98	1 270	297	24	1 179	856	717
	1978	50	111	1 150	298	25	1 109	942	673
	$1,000, 1982	40	74	2 118	237	8	840	737	838
	1978	(D)	46	1 172	153	(D)	538	448	589
Other—coal, wood, coke, etc.	farms, 1982	10	11	83	31	6	120	33	33
	1978	2	15	16	75	2	88	42	41
	$1,000, 1982	3	10	30	21	1	39	18	13
	1978	(D)	6	20	20	(D)	25	16	17
1982 interest expense:									
Expenses reported	farms	46	42	799	86	14	707	507	521
	$1,000	289	369	9 617	1 028	18	7 212	3 501	7 048
Expenses reported as "No"	farms	36	96	687	237	21	907	751	497

See footnotes at end of table.

Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Livestock and poultry purchased	farms, 1982	435	18	270	299	301	464	51	41
	1978	585	17	329	349	403	525	84	65
	$1,000, 1982	4 068	60	2 130	2 011	2 787	4 028	62	79
	1978	3 571	46	1 529	2 973	2 629	3 153	185	137
Feed for livestock and poultry	farms, 1982	958	30	454	469	491	734	111	132
	1978	1 002	33	510	498	495	775	110	93
	$1,000, 1982	7 861	46	2 855	5 239	5 202	4 694	294	545
	1978	6 368	81	3 625	3 992	2 737	2 737	273	404
Commercially mixed formula feeds	farms, 1982	718	10	232	224	267	320	52	61
	1978	646	16	269	233	201	381	51	36
	tons, 1982	20 403	164	6 250	21 836	14 190	10 222	1 808	2 948
	1978	19 229	(D)	10 628	17 291	9 207	9 074	958	1 536
	$1,000, 1982	4 231	21	1 264	3 938	2 822	2 207	236	418
	1978	3 782	56	1 866	2 756	1 451	1 627	138	304
Seeds, bulbs, plants, and trees	farms, 1982	1 506	30	1 059	1 288	817	973	279	117
	1978	1 572	29	1 042	1 326	1 034	1 115	311	153
	$1,000, 1982	4 088	21	1 848	3 924	2 269	2 349	481	95
	1978	3 279	34	1 562	3 203	1 696	1 746	905	100
Commercial fertilizer	farms, 1982	1 498	38	1 043	1 233	1 136	885	322	109
	1978	1 710	35	1 200	1 418	1 273	1 113	262	132
	$1,000, 1982	12 231	61	4 780	11 844	4 733	5 364	1 021	187
	1978	8 776	59	3 702	9 800	3 389	3 971	530	186
Other agricultural chemicals[1]	farms, 1982	1 355	20	999	1 060	1 085	813	258	58
	1978	1 549	22	1 069	1 239	1 290	1 016	237	113
	$1,000, 1982	3 760	15	1 944	3 921	4 431	1 876	467	111
	1978	2 251	21	1 217	2 665	2 544	1 203	233	75
Hired farm labor	farms, 1982	702	15	382	535	691	500	125	59
	1978	754	20	457	605	805	398	134	55
	$1,000, 1982	5 215	30	1 974	3 596	8 216	3 041	1 937	166
	1978	3 536	51	1 587	2 651	7 462	2 453	1 490	202
Contract labor	farms, 1982	46	4	30	84	178	77	21	14
	1978	81	1	52	92	261	61	46	7
	$1,000, 1982	178	1	56	464	952	305	52	20
	1978	203	(D)	94	249	673	80	43	71
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	721	12	359	576	567	451	151	55
	1978	894	12	597	745	801	559	105	84
	$1,000, 1982	1 069	(D)	378	773	1 107	571	62	12
	1978	1 212	4	473	707	1 366	540	80	34
Energy and petroleum products	farms, 1982	1 842	56	1 387	1 471	1 464	1 335	439	229
	1978	1 963	54	1 386	1 562	1 615	1 362	463	227
	$1,000, 1982	9 577	89	4 907	7 465	5 210	5 511	2 577	415
	1978	5 429	71	2 513	4 084	3 078	3 055	979	248
Petroleum products	farms, 1982	1 842	56	1 387	1 471	1 464	1 329	439	229
	1978	1 963	54	1 386	1 562	1 615	1 362	451	227
	$1,000, 1982	7 281	69	3 978	6 371	4 106	4 514	2 205	312
	1978	3 930	55	1 948	3 369	2 461	2 441	837	171
Gasoline and gasohol	farms, 1982	1 605	49	1 176	1 418	1 356	1 258	380	229
	1978	1 860	51	1 283	1 513	1 495	1 316	425	216
	$1,000, 1982	2 417	36	1 379	2 602	1 826	1 727	667	148
	1978	1 750	27	1 050	1 629	1 237	1 173	266	94
Storage capacity	farms, 1982	1 265	21	904	1 151	993	874	215	154
	1,000 gallons, 1982	726	9	410	688	550	478	97	52
Diesel fuel	farms, 1982	1 318	29	912	944	654	689	190	121
	1978	1 265	25	682	853	672	699	117	80
	$1,000, 1982	3 574	25	1 814	2 737	1 313	1 599	365	123
	1978	1 574	19	632	1 151	531	695	59	47
Storage capacity	farms, 1982	1 140	16	694	766	522	538	124	90
	1,000 gallons, 1982	897	6	448	613	339	329	84	31
LP gas, butane, and propane	farms, 1982	217	4	214	217	263	199	49	20
	1978	203	5	111	205	239	133	39	7
	$1,000, 1982	652	3	338	524	543	408	59	12
	1978	236	1	69	302	349	216	49	8
Storage capacity	farms, 1982	159	3	149	178	203	164	28	11
	1,000 gallons, 1982	178	(D)	144	152	218	152	20	3
Fuel oil and kerosene[2]	farms, 1982	133	4	132	116	126	144	37	7
	1978	161	7	74	155	181	110	65	18
	$1,000, 1982	90	1	57	23	59	153	10	(Z)
	1978	60	3	58	45	81	54	27	7
Storage capacity	farms, 1982	78	2	77	65	88	93	16	7
	1,000 gallons, 1982	24	(D)	42	15	22	68	5	1
Natural gas	farms, 1982	55	-	37	53	31	52	71	-
	1978	31	-	25	32	34	21	60	10
	$1,000, 1982	109	-	148	126	166	413	1 056	-
	1978	33	-	12	39	86	137	408	1
Motor oil and grease[2]	farms, 1982	1 842	56	1 387	1 471	1 464	1 329	439	229
	1978	1 963	54	1 386	1 562	1 615	1 362	451	227
	$1,000, 1982	440	4	242	359	199	214	48	29
	1978	278	6	128	202	176	166	28	15
Electricity	farms, 1982	1 447	36	1 045	1 121	963	926	223	189
	1978	1 475	42	933	1 067	1 123	950	280	141
	$1,000, 1982	2 245	16	872	1 068	1 054	953	369	99
	1978	1 481	(D)	563	699	609	600	137	73
Other—coal, wood, coke, etc.	farms, 1982	109	10	88	66	89	72	6	9
	1978	47	2	21	42	35	30	33	6
	$1,000, 1982	51	4	57	26	50	44	3	4
	1978	17	(D)	2	16	8	14	5	4
1982 interest expense:									
Expenses reported	farms	1 119	16	740	681	760	584	158	43
	$1,000	12 978	125	5 532	9 627	7 723	5 025	751	399
Expenses reported as "No"	farms	647	37	562	701	600	640	236	186

[1]Data for 1978 include the cost of lime which was not collected in 1982.
[2]1982 data include kerosene with fuel oil; 1978 data include kerosene with motor oil and grease.

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Commercial fertilizer	farms, 1982	43 029	127	40	1 406	325	145	279
	1978	47 573	138	49	1 595	303	198	394
	acres on which used, 1982	5 974 430	7 171	1 717	164 026	22 119	19 721	46 486
	1978	5 632 416	5 442	2 910	142 431	16 788	24 148	51 798
Cropland fertilized, except pastureland	farms, 1982	42 593	121	39	1 378	317	145	278
	1978	47 475	138	49	1 595	303	197	394
	acres on which used, 1982	5 928 803	6 719	1 684	163 490	21 485	19 312	46 291
	1978	5 584 239	4 964	2 839	141 501	15 328	23 024	51 473
Pastureland and rangeland fertilized	farms, 1982	1 983	8	4	78	36	23	7
	1978	1 989	22	3	38	35	7	5
	acres on which used, 1982	45 627	452	33	536	634	409	195
	1978	48 177	478	71	930	1 460	1 124	325
Lime	farms, 1982	6 756	8	9	338	1	45	5
	1978	7 505	14	6	387	10	42	28
	acres on which used, 1982	252 990	160	164	13 417	(D)	2 297	210
	1978	239 591	267	95	9 850	350	2 235	742
	tons, 1982	508 841	516	399	25 025	(D)	4 076	312
	1978	520 529	615	172	22 146	350	3 870	1 495
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1982	15 597	23	9	736	53	79	82
	1978	16 857	8	11	744	65	93	95
	acres on which used, 1982	1 811 518	(D)	251	80 369	3 990	6 799	10 922
	1978	1 514 374	480	201	48 865	4 111	7 135	6 899
Nematodes in crops	farms, 1982	2 477	-	1	102	7	18	31
	1978	2 561	10	-	88	10	16	12
	acres on which used, 1982	275 551	-	(D)	8 689	267	1 269	2 177
	1978	223 506	550	-	7 007	185	815	1 255
Diseases in crops and orchards	farms, 1982	5 399	6	4	198	23	58	49
	1978	7 015	6	8	331	18	97	34
	acres on which used, 1982	345 088	6	16	12 054	786	5 124	4 129
	1978	408 601	233	223	14 795	550	5 421	1 813
Weeds, grass, or brush in crops and pasture	farms, 1982	30 440	38	24	949	133	111	186
	1978	31 861	70	27	1 131	93	100	247
	acres on which used, 1982	4 288 784	3 114	822	107 671	10 784	12 160	36 333
	1978	3 629 396	2 691	965	89 989	6 556	10 326	33 171
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	2 001	-	-	83	10	23	9
	1978	1 986	-	-	92	1	38	-
	acres on which used, 1982	127 566	-	-	3 841	(D)	1 741	500
	1978	89 418	-	-	2 484	(D)	2 017	-

Chemicals used		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Commercial fertilizer	farms, 1982	35	673	933	135	1 406	888	928
	1978	49	728	1 094	116	1 549	1 053	1 022
	acres on which used, 1982	1 041	79 202	147 340	6 858	110 697	132 981	149 674
	1978	1 586	72 250	142 384	6 401	103 843	138 878	126 339
Cropland fertilized, except pastureland	farms, 1982	35	665	933	135	1 395	888	920
	1978	48	728	1 094	114	1 537	1 053	1 017
	acres on which used, 1982	987	78 671	147 088	6 793	109 195	132 416	148 731
	1978	1 361	70 951	142 324	6 309	103 079	138 432	125 250
Pastureland and rangeland fertilized	farms, 1982	5	29	12	4	76	48	57
	1978	10	56	5	6	50	25	65
	acres on which used, 1982	54	531	252	65	1 502	565	943
	1978	225	1 299	60	92	764	446	1 089
Lime	farms, 1982	10	110	22	18	363	226	305
	1978	31	190	12	31	290	182	312
	acres on which used, 1982	97	3 919	1 096	587	9 965	10 260	14 665
	1978	432	5 346	435	955	7 383	7 182	10 965
	tons, 1982	289	8 954	1 452	902	18 434	28 347	28 448
	1978	1 490	11 204	670	2 700	16 404	17 479	25 863
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1982	6	252	291	107	984	351	447
	1978	19	256	314	37	859	301	438
	acres on which used, 1982	77	28 180	29 511	4 391	59 509	49 036	66 011
	1978	801	18 603	23 315	1 643	42 981	43 947	48 523
Nematodes in crops	farms, 1982	2	43	52	30	119	50	51
	1978	-	27	31	16	104	50	73
	acres on which used, 1982	(D)	3 436	6 586	900	7 021	8 232	8 884
	1978	-	2 309	3 003	194	2 929	6 015	11 495
Diseases in crops and orchards	farms, 1982	2	30	168	68	673	26	55
	1978	12	63	113	86	959	35	63
	acres on which used, 1982	(D)	5 373	11 107	3 142	31 872	942	3 838
	1978	192	1 776	6 861	4 248	37 058	3 181	5 727
Weeds, grass, or brush in crops and pasture	farms, 1982	13	482	708	86	894	682	690
	1978	30	541	850	62	849	727	712
	acres on which used, 1982	277	51 552	114 093	4 750	74 903	100 949	102 710
	1978	830	42 014	113 272	2 961	50 392	90 230	69 229
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	-	25	24	29	250	38	32
	1978	4	1	18	35	188	27	30
	acres on which used, 1982	-	1 329	1 713	1 367	12 077	1 403	1 542
	1978	50	(D)	271	651	5 137	1 554	1 199

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Commercial fertilizer	farms, 1982	789	153	121	231	178	1 191	11
	1978	836	196	132	254	181	1 246	10
	acres on which used, 1982	105 654	13 133	6 571	15 526	22 519	175 055	(D)
	1978	104 832	12 784	9 714	17 919	13 480	153 977	131
Cropland fertilized, except pastureland	farms, 1982	758	143	121	225	171	1 190	11
	1978	832	196	132	254	174	1 246	10
	acres on which used, 1982	103 117	11 615	5 765	12 847	21 849	173 985	124
	1978	103 005	11 834	9 348	16 647	12 830	153 189	(D)
Pastureland and rangeland fertilized	farms, 1982	70	31	22	45	15	48	2
	1978	61	20	11	38	9	42	1
	acres on which used, 1982	2 537	1 518	806	2 679	670	1 070	(D)
	1978	1 827	950	366	1 272	650	788	(D)
Lime	farms, 1982	211	12	25	27	16	105	4
	1978	222	9	3	16	23	162	2
	acres on which used, 1982	9 630	159	1 066	568	638	5 622	29
	1978	9 293	175	21	120	254	5 215	(D)
	tons, 1982	20 463	301	3 347	744	1 062	9 749	(D)
	1978	26 789	329	66	265	668	9 779	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1982	338	29	16	15	44	328	3
	1978	426	60	24	33	43	454	5
	acres on which used, 1982	51 496	4 172	255	261	6 112	37 476	7
	1978	35 718	2 788	2 800	3 427	3 692	32 575	110
Nematodes in crops	farms, 1982	62	5	5	-	2	53	1
	1978	108	-	1	14	2	63	1
	acres on which used, 1982	11 953	505	100	-	(D)	6 775	(D)
	1978	7 908	-	(D)	1 517	(D)	7 291	(D)
Diseases in crops and orchards	farms, 1982	88	17	1	6	1	65	1
	1978	119	8	2	20	6	87	1
	acres on which used, 1982	4 249	1 271	(D)	126	(D)	3 303	(D)
	1978	6 267	1 739	(D)	882	117	7 174	(D)
Weeds, grass, or brush in crops and pasture	farms, 1982	603	81	34	27	118	917	3
	1978	596	101	59	68	89	898	1
	acres on which used, 1982	82 796	4 333	2 332	1 476	12 107	121 386	(D)
	1978	68 786	5 763	6 528	3 308	6 883	95 484	(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	40	11	1	-	-	65	1
	1978	48	10	-	8	5	25	-
	acres on which used, 1982	1 633	56	(D)	-	-	8 777	(D)
	1978	1 653	200	-	152	50	1 280	-

Chemicals used		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Commercial fertilizer	farms, 1982	191	71	1 063	126	752	292	32
	1978	231	77	1 122	169	766	323	31
	acres on which used, 1982	16 999	5 685	149 547	7 059	110 172	24 458	888
	1978	18 584	5 425	132 455	8 361	86 281	27 278	658
Cropland fertilized, except pastureland	farms, 1982	184	71	1 057	126	752	292	31
	1978	231	77	1 117	169	766	323	31
	acres on which used, 1982	16 043	5 661	148 569	6 999	109 622	24 196	844
	1978	16 995	5 383	131 705	8 221	86 110	27 176	580
Pastureland and rangeland fertilized	farms, 1982	39	4	60	6	20	14	5
	1978	58	5	56	12	12	7	6
	acres on which used, 1982	956	24	978	60	550	262	44
	1978	1 589	42	750	140	171	102	78
Lime	farms, 1982	16	6	169	17	48	7	10
	1978	14	7	155	33	60	28	13
	acres on which used, 1982	250	350	6 325	835	4 533	121	62
	1978	400	357	4 425	652	2 024	522	191
	tons, 1982	422	296	16 573	1 385	8 965	141	104
	1978	830	447	10 181	1 599	4 008	622	544
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1982	34	17	271	36	235	23	2
	1978	57	21	420	42	230	85	1
	acres on which used, 1982	1 333	1 523	39 896	1 400	35 635	3 251	(D)
	1978	3 746	1 491	39 444	1 906	28 841	6 601	(D)
Nematodes in crops	farms, 1982	2	5	40	2	19	6	-
	1978	2	3	64	1	17	-	-
	acres on which used, 1982	(D)	266	5 906	(D)	3 427	600	-
	1978	(D)	289	7 361	(D)	2 610	-	-
Diseases in crops and orchards	farms, 1982	19	15	15	12	88	10	2
	1978	50	17	93	8	81	11	1
	acres on which used, 1982	652	1 211	2 867	462	4 526	432	(D)
	1978	2 079	1 189	6 835	680	5 688	2 060	(D)
Weeds, grass, or brush in crops and pasture	farms, 1982	102	44	747	80	508	209	8
	1978	105	47	820	84	489	194	20
	acres on which used, 1982	10 475	3 461	107 751	4 989	81 978	17 289	(D)
	1978	9 213	3 339	77 188	5 018	54 211	15 605	(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	2	2	8	12	24	2	-
	1978	16	5	21	5	39	5	-
	acres on which used, 1982	(D)	(D)	300	456	1 999	(D)	-
	1978	468	305	1 310	220	1 784	800	-

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Commercial fertilizer	farms, 1982	362	1 028	1 023	123	1 458	758	902	184
	1978	387	1 163	1 209	152	1 540	882	1 042	158
	acres on which used, 1982	32 308	200 216	158 629	5 081	336 077	142 494	143 147	20 577
	1978	28 439	191 448	146 472	4 016	279 951	134 167	128 527	15 140
Cropland fertilized, except pastureland	farms, 1982	362	1 016	1 016	123	1 440	736	902	184
	1978	387	1 163	1 209	152	1 540	877	1 042	158
	acres on which used, 1982	31 588	199 860	156 452	5 021	335 397	140 951	142 420	18 889
	1978	28 063	190 664	145 990	4 016	279 258	133 441	127 975	14 460
Pastureland and rangeland fertilized	farms, 1982	11	28	27	6	37	51	40	28
	1978	9	31	45	-	33	47	40	8
	acres on which used, 1982	720	356	2 177	60	680	1 543	727	1 688
	1978	376	784	482	-	693	726	552	680
Lime	farms, 1982	53	125	121	49	21	186	229	9
	1978	72	93	252	47	33	193	215	10
	acres on which used, 1982	1 755	4 045	5 291	970	1 072	9 111	8 666	489
	1978	2 800	2 464	6 825	735	932	5 772	6 102	474
	tons, 1982	3 416	6 835	11 045	1 921	1 330	19 299	15 998	656
	1978	6 602	6 426	13 470	2 641	3 664	15 614	12 026	894
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1982	204	234	381	33	458	321	404	58
	1978	145	349	437	42	372	323	406	70
	acres on which used, 1982	15 993	44 103	57 180	827	82 742	48 528	46 981	4 459
	1978	10 689	52 625	49 414	900	54 638	53 713	38 380	2 162
Nemetodes in crops	farms, 1982	30	30	51	-	67	57	94	24
	1978	36	42	79	-	46	75	80	-
	acres on which used, 1982	572	3 220	12 732	-	10 897	6 525	13 174	762
	1978	340	4 908	5 808	-	5 693	8 995	5 059	-
Diseases in crops and orchards	farms, 1982	173	17	32	1	42	61	118	35
	1978	246	62	52	36	93	83	90	-
	acres on which used, 1982	9 243	2 428	3 148	(D)	5 533	2 808	6 133	687
	1978	15 123	2 693	2 122	335	6 496	6 927	6 112	-
Weeds, grass, or brush in crops and pasture	farms, 1982	224	810	851	35	1 108	608	695	90
	1978	229	762	933	71	1 098	662	712	77
	acres on which used, 1982	18 447	171 322	118 513	902	237 630	103 732	99 587	11 845
	1978	15 676	130 841	109 231	1 599	182 882	87 616	79 515	7 756
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	82	18	22	-	6	38	39	-
	1978	93	4	14	-	30	5	20	1
	acres on which used, 1982	4 778	2 114	1 563	-	3 887	775	1 735	-
	1978	2 179	800	771	-	4 560	476	1 042	(D)

Chemicals used		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Commercial fertilizer	farms, 1982	48	792	925	609	61	1 097	1	58
	1978	45	800	906	711	58	1 147	1	68
	acres on which used, 1982	2 979	113 437	125 446	100 860	6 220	122 384	(D)	3 073
	1978	2 159	114 615	121 088	105 061	5 234	124 329	(D)	2 487
Cropland fertilized, except pastureland	farms, 1982	47	792	920	601	59	1 066	-	58
	1978	45	800	906	705	58	1 146	1	68
	acres on which used, 1982	(D)	113 197	124 105	100 558	6 137	121 867	-	3 073
	1978	2 045	114 329	118 132	104 221	5 138	123 053	(D)	2 316
Pastureland and rangeland fertilized	farms, 1982	3	8	17	22	4	55	1	-
	1978	5	18	54	40	5	42	-	10
	acres on which used, 1982	(D)	240	1 341	402	83	517	(D)	-
	1978	114	286	2 956	840	96	1 276	-	171
Lime	farms, 1982	16	123	203	125	21	339	-	12
	1978	12	90	207	177	21	300	1	14
	acres on which used, 1982	750	4 165	9 157	6 718	410	8 273	-	316
	1978	537	2 276	7 038	8 009	280	10 493	(D)	182
	tons, 1982	744	7 958	19 730	14 840	840	17 736	-	608
	1978	780	4 068	14 081	19 269	824	21 557	(D)	408
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1982	10	216	396	316	13	520	-	5
	1978	15	274	442	370	14	625	1	9
	acres on which used, 1982	1 384	31 072	63 045	40 021	978	49 297	-	86
	1978	1 070	20 141	51 005	41 120	1 162	44 096	(D)	342
Nematodes in crops	farms, 1982	2	8	65	109	3	44	-	-
	1978	2	50	58	65	1	61	-	1
	acres on which used, 1982	(D)	2 286	9 536	10 703	(D)	3 358	-	-
	1978	(D)	6 024	9 946	6 033	(D)	4 265	-	(D)
Diseases in crops and orchards	farms, 1982	7	54	43	147	7	277	-	-
	1978	7	51	98	133	-	333	1	5
	acres on which used, 1982	434	3 843	6 364	4 191	724	18 443	-	-
	1978	418	4 005	7 091	4 799	-	20 031	(D)	213
Weeds, grass, or brush in crops and pasture	farms, 1982	17	584	661	408	33	725	-	38
	1978	24	504	649	489	41	687	-	32
	acres on which used, 1982	973	73 328	87 592	66 760	3 869	61 193	-	2 197
	1978	1 431	70 865	72 526	52 249	3 701	65 608	-	1 250
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	3	23	18	71	3	134	-	1
	1978	6	28	24	39	1	130	-	-
	acres on which used, 1982	(D)	690	460	3 293	(D)	5 394	-	(D)
	1978	313	1 500	605	646	(D)	6 286	-	-

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Commercial fertilizer	farms, 1982	965	322	1 304	546	16	55	625	185
	1978	1 008	324	1 520	547	21	60	654	240
	acres on which used, 1982	116 478	28 977	262 481	64 870	917	3 753	58 505	11 620
	1978	108 446	22 267	254 593	62 224	1 569	4 418	52 821	9 779
Cropland fertilized, except pastureland	farms, 1982	955	322	1 289	536	16	53	625	185
	1978	1 003	324	1 516	547	21	60	654	240
	acres on which used, 1982	116 201	26 406	262 291	64 156	(D)	3 608	58 265	11 590
	1978	107 082	22 135	253 684	61 562	1 339	4 292	52 665	9 173
Pastureland and rangeland fertilized	farms, 1982	42	42	26	38	2	8	20	6
	1978	48	7	27	33	3	6	17	21
	acres on which used, 1982	277	2 571	190	714	(D)	145	240	30
	1978	1 364	132	909	662	230	126	156	606
Lime	farms, 1982	130	34	149	93	1	2	55	35
	1978	66	78	151	95	4	8	39	62
	acres on which used, 1982	3 544	828	7 332	2 974	(D)	(D)	3 039	967
	1978	1 927	3 307	8 070	2 980	87	189	1 178	852
	tons, 1982	7 550	2 023	12 637	5 120	(D)	(D)	4 397	1 823
	1978	3 840	8 606	15 137	6 699	235	351	1 249	1 976
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1982	273	237	460	180	2	4	257	128
	1978	350	147	581	229	5	17	214	78
	acres on which used, 1982	32 372	16 868	79 172	22 129	(D)	30	14 936	8 956
	1978	29 412	10 961	71 831	21 228	319	1 702	13 654	2 779
Nematodes in crops	farms, 1982	19	29	45	32	-	-	39	44
	1978	50	68	75	35	-	3	14	23
	acres on which used, 1982	1 193	980	6 178	7 048	-	-	1 161	1 699
	1978	1 968	1 163	10 751	4 121	-	28	709	585
Diseases in crops and orchards	farms, 1982	57	205	103	50	-	-	124	105
	1978	73	293	113	55	3	10	135	135
	acres on which used, 1982	6 318	13 153	7 937	1 024	-	-	3 172	5 910
	1978	4 568	13 983	12 509	2 294	24	321	6 605	6 922
Weeds, grass, or brush in crops and pasture	farms, 1982	661	192	1 079	343	11	19	417	108
	1978	540	167	1 125	377	12	25	457	103
	acres on which used, 1982	79 725	12 309	222 553	40 240	648	1 388	42 888	7 012
	1978	62 826	11 237	193 388	32 193	686	1 876	35 841	4 385
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	40	64	56	8	-	-	39	22
	1978	9	56	35	5	4	6	35	51
	acres on which used, 1982	2 424	3 534	3 841	707	-	-	1 694	2 347
	1978	162	1 937	975	290	37	79	919	2 119

Chemicals used		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Commercial fertilizer	farms, 1982	49	311	425	325	376	259	1 128	869
	1978	52	378	480	382	449	299	1 279	980
	acres on which used, 1982	2 752	38 831	41 525	36 856	61 111	38 735	170 726	125 820
	1978	3 003	35 273	34 550	37 766	55 910	29 015	177 830	130 019
Cropland fertilized, except pastureland	farms, 1982	45	307	419	316	371	258	1 106	863
	1978	52	378	480	382	449	299	1 277	980
	acres on which used, 1982	2 597	38 751	40 841	35 999	60 996	37 975	170 471	125 607
	1978	2 753	35 038	34 258	36 984	55 477	28 234	177 640	129 769
Pastureland and rangeland fertilized	farms, 1982	8	6	42	36	6	18	44	22
	1978	5	16	10	29	35	14	20	25
	acres on which used, 1982	155	80	684	857	115	760	255	213
	1978	250	235	292	782	433	781	190	250
Lime	farms, 1982	4	68	172	12	10	75	64	254
	1978	13	74	114	15	8	107	121	382
	acres on which used, 1982	(D)	2 725	3 831	120	97	2 289	2 522	12 300
	1978	237	1 403	4 031	176	245	2 818	4 016	13 696
	tons, 1982	(D)	6 556	8 648	240	167	4 336	3 879	19 463
	1978	724	3 133	9 197	132	189	7 942	6 663	25 738
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1982	15	154	66	34	85	94	280	289
	1978	14	202	66	67	95	103	345	366
	acres on which used, 1982	618	10 809	8 442	2 466	10 778	6 375	32 206	43 614
	1978	625	12 855	6 897	5 188	7 819	6 850	42 109	29 259
Nematodes in crops	farms, 1982	1	20	34	-	-	22	50	107
	1978	2	19	31	5	6	7	42	99
	acres on which used, 1982	(D)	1 685	4 738	-	-	514	10 617	15 343
	1978	(D)	1 266	1 406	240	336	540	4 104	8 991
Diseases in crops and orchards	farms, 1982	9	106	20	25	5	11	53	98
	1978	13	104	26	10	26	38	139	166
	acres on which used, 1982	448	7 467	1 947	496	1 253	421	4 155	15 206
	1978	410	6 305	3 266	116	100	3 989	9 050	13 073
Weeds, grass, or brush in crops and pasture	farms, 1982	22	240	248	208	268	160	892	609
	1978	23	257	329	241	356	206	948	705
	acres on which used, 1982	1 398	25 386	21 821	21 598	53 037	17 885	152 376	87 598
	1978	1 952	24 759	20 445	15 824	45 685	13 726	135 247	88 755
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	3	38	4	-	2	-	14	51
	1978	2	48	18	4	-	14	41	103
	acres on which used, 1982	(D)	3 329	955	-	(D)	-	4 148	8 967
	1978	(D)	813	1 185	60	-	387	5 613	8 311

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Dete ere based on e sample of ferms. For meaning of ebbreviations and symbols, see introductory text]

Chemicals used		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Commercial fertilizer	farms, 1982	56	354	499	223	543	172	61	299
	1978	72	365	669	283	667	185	82	340
	acres on which used, 1982	7 986	39 171	42 633	19 258	52 160	18 950	1 802	25 473
	1978	5 037	38 855	50 008	25 863	53 876	19 263	3 104	22 971
Cropland fertilized, except pastureland	farms, 1982	56	354	499	215	543	171	61	287
	1978	72	365	669	282	667	185	82	340
	acres on which used, 1982	7 946	39 069	42 561	18 847	51 895	18 339	1 802	24 817
	1978	(D)	38 743	49 586	25 723	53 492	(D)	(D)	22 516
Pastureland and rangeland fertilized	farms, 1982	3	3	4	16	8	18	-	22
	1978	1	12	31	8	15	1	2	11
	acres on which used, 1982	40	102	72	411	265	611	-	656
	1978	(D)	112	422	140	384	(D)	(D)	455
Lime	farms, 1982	2	84	82	65	186	5	8	108
	1978	4	90	181	23	215	6	24	120
	acres on which used, 1982	(D)	2 936	1 423	1 686	5 177	351	148	2 700
	1978	150	2 383	3 874	477	6 846	283	579	2 093
	tons, 1982	(D)	6 284	2 878	3 924	11 121	650	412	5 387
	1978	286	6 491	8 405	912	14 377	367	1 516	3 942
Sprays, dusts, granules, fumigents, etc., to control—									
Insects on hay end other crops	farms, 1982	24	118	179	118	423	21	15	37
	1978	7	179	119	105	394	49	2	58
	acres on which used, 1982	1 870	15 180	13 535	7 204	35 810	2 717	1 660	2 693
	1978	808	17 503	7 548	4 952	24 336	2 783	(D)	4 082
Nematodes in crops	farms, 1982	3	10	27	14	79	4	-	8
	1978	3	9	58	20	111	2	-	3
	acres on which used, 1982	57	(D)	1 622	(D)	2 579	463	-	428
	1978	260	869	1 472	2 832	2 160	(D)	-	343
Diseases in crops and orchards	farms, 1982	2	89	62	60	242	2	-	16
	1978	3	61	89	86	306	1	10	17
	acres on which used, 1982	(D)	5 569	7 300	543	19 952	(D)	-	401
	1978	102	4 027	5 225	1 064	22 461	(D)	244	829
Weeds, grass, or brush in crops and pasture	farms, 1982	28	190	355	170	408	96	7	182
	1978	36	242	429	202	398	112	27	191
	acres on which used, 1982	4 193	26 071	29 320	13 409	31 617	10 228	759	11 101
	1978	2 700	21 964	30 801	15 262	30 358	11 143	1 007	10 687
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	-	25	18	17	61	1	4	2
	1978	-	10	19	22	58	-	-	1
	acres on which used, 1982	-	1 309	947	316	4 934	(D)	120	(D)
	1978	-	1 080	669	399	2 209	-	-	(D)

Chemicals used		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Commercial fertilizer	farms, 1982	54	98	1 273	232	16	1 461	927	781
	1978	51	96	1 253	294	11	1 596	934	857
	acres on which used, 1982	4 567	5 894	110 348	27 008	564	257 042	120 659	138 505
	1978	3 572	5 561	95 064	26 918	(D)	236 378	99 432	126 622
Cropland fertilized, except pastureland	farms, 1982	52	98	1 257	225	14	1 461	920	777
	1978	49	96	1 239	294	10	1 596	930	852
	acres on which used, 1982	4 517	5 842	108 928	26 189	550	256 952	120 238	138 131
	1978	3 449	5 376	93 952	25 591	435	235 777	98 963	125 194
Pastureland and rangeland fertilized	farms, 1982	5	4	105	41	3	8	41	24
	1978	7	8	76	62	2	34	34	54
	acres on which used, 1982	50	52	1 420	819	14	90	421	374
	1978	123	185	1 112	1 327	(D)	601	469	1 428
Lime	farms, 1982	6	12	281	19	3	48	40	168
	1978	9	23	316	25	1	44	55	205
	acres on which used, 1982	101	183	6 345	381	24	1 596	1 089	9 792
	1978	212	472	5 427	686	(D)	1 866	1 716	10 577
	tons, 1982	244	413	12 431	813	(D)	2 170	1 425	20 239
	1978	487	1 359	11 455	1 175	(D)	3 525	4 245	21 139
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1982	2	16	565	78	1	322	162	362
	1978	5	46	579	135	-	392	177	426
	acres on which used, 1982	(D)	327	47 843	9 839	(D)	48 825	21 109	67 502
	1978	540	1 470	29 363	10 926	-	44 798	25 952	43 624
Nematodes in crops	farms, 1982	1	3	115	4	-	12	14	88
	1978	-	-	89	13	-	65	27	68
	acres on which used, 1982	(D)	63	7 717	1 564	-	941	820	22 946
	1978	-	-	4 887	2 005	-	9 878	1 978	15 262
Diseases in crops and orchards	farms, 1982	2	9	249	22	2	107	33	36
	1978	1	14	278	40	3	105	44	52
	acres on which used, 1982	(D)	293	12 131	2 829	(D)	5 918	2 391	4 768
	1978	(D)	819	12 080	2 041	82	13 003	3 557	5 846
Weeds, grass, or brush in crops and pasture	farms, 1982	33	55	857	99	4	1 236	648	635
	1978	27	57	832	170	1	1 212	602	633
	acres on which used, 1982	1 701	3 384	69 560	11 541	436	220 790	102 899	107 926
	1978	1 274	2 758	53 226	14 876	(D)	184 731	71 627	87 714
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	-	4	52	4	1	14	11	20
	1978	-	8	42	28	1	13	-	20
	acres on which used, 1982	-	135	1 893	514	(D)	2 219	2 502	343
	1978	-	657	1 361	709	(D)	2 976	-	233

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Senilec	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Commercial fertilizer	farms, 1982	1 498	38	1 049	1 233	1 136	885	322	109
	1978	1 671	35	1 194	1 389	1 249	1 088	256	132
	acres on which used, 1982	296 265	2 449	162 617	254 286	98 810	136 583	25 362	6 608
	1978	284 263	2 377	153 462	265 514	101 250	137 344	17 072	8 436
Cropland fertilized, except pastureland	farms, 1982	1 498	38	1 043	1 233	1 128	871	314	109
	1978	1 670	34	1 194	1 389	1 244	1 084	256	132
	acres on which used, 1982	295 038	2 196	161 766	254 166	97 751	136 251	25 322	6 608
	1978	281 119	2 108	152 669	265 021	100 493	136 355	17 024	8 211
Pastureland and rangeland fertilized	farms, 1982	51	6	34	16	55	36	8	-
	1978	85	8	44	31	21	63	6	5
	acres on which used, 1982	1 227	253	851	120	1 059	332	40	-
	1978	3 144	269	793	493	757	989	48	225
Lime	farms, 1982	122	6	55	87	270	124	4	48
	1978	119	4	110	53	296	175	5	46
	acres on which used, 1982	6 233	136	2 558	1 953	11 886	4 045	360	854
	1978	4 549	96	3 504	1 146	15 169	5 230	1 575	623
	tons, 1982	15 241	458	4 240	3 208	26 817	7 633	426	1 426
	1978	7 547	263	7 827	2 047	35 010	10 543	1 575	1 212
Sprays, dusts, granules, fumigents, etc., to control—									
Insects on hay and other crops	farms, 1982	388	6	322	229	765	362	127	17
	1978	418	9	250	346	658	451	90	48
	acres on which used, 1982	59 565	(D)	23 774	37 542	56 697	48 961	7 591	1 283
	1978	41 583	458	27 230	40 451	44 860	36 672	6 780	1 747
Nematodes in crops	farms, 1982	89	1	59	15	99	54	36	7
	1978	65	3	46	50	70	56	15	-
	acres on which used, 1982	6 482	(D)	5 692	4 131	9 096	5 084	968	336
	1978	3 095	54	2 916	10 111	2 803	4 609	1 197	-
Diseases in crops and orchards	farms, 1982	92	7	75	58	426	99	16	8
	1978	94	5	45	91	537	108	62	5
	acres on which used, 1982	2 872	(D)	6 079	6 594	31 669	4 279	164	571
	1978	5 739	203	7 186	6 635	31 398	7 654	1 624	10
Weeds, grass, or brush in crops and pasture	farms, 1982	1 125	20	813	977	776	648	180	57
	1978	1 232	17	914	1 006	728	716	129	97
	acres on which used, 1982	210 773	1 093	120 219	216 840	70 678	85 061	18 448	4 352
	1978	191 574	1 074	106 868	195 688	64 963	75 807	11 943	5 575
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1982	66	1	8	26	124	50	2	-
	1978	15	5	4	20	176	67	21	9
	acres on which used, 1982	3 259	(D)	1 680	2 817	6 332	1 507	(D)	-
	1978	338	231	540	4 373	6 328	3 018	73	144

Table 8. Machinery and Equipment on Place: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ---- farms, 1982	58 549	295	76	1 831	442	279	377
1978	60 325	287	94	1 916	446	266	421
$1,000, 1982	2 676 343	7 906	1 988	80 460	13 251	11 477	21 820
1978	1 988 471	3 700	2 177	56 528	8 934	9 520	18 068
Average per farm ---- dollars, 1982	45 711	26 802	26 153	43 943	29 979	41 136	57 877
1978	32 963	12 894	23 163	29 503	20 031	35 791	42 916
Farms by value group:							
$1 to $4,999 ---- 1982	4 384	50	6	125	42	12	26
1978	5 878	46	7	191	37	32	44
$5,000 to $9,999 ---- 1982	12 500	76	30	411	99	50	80
1978	14 793	112	32	388	159	74	53
$10,000 to $19,999 ---- 1982	11 002	75	14	406	96	72	28
1978	12 821	87	21	476	83	38	100
$20,000 to $29,999 ---- 1982	6 858	22	8	193	64	37	72
1978	7 005	6	8	229	82	20	41
$30,000 to $49,999 ---- 1982	7 333	40	3	219	52	44	48
1978	7 110	31	12	285	52	43	42
$50,000 to $69,999 ---- 1982	4 688	-	9	124	45	19	23
1978	4 581	3	7	135	10	27	66
$70,000 to $99,999 ---- 1982	3 666	1	2	105	23	16	24
1978	3 377	1	6	108	11	8	32
$100,000 to $199,999 ---- 1982	5 655	29	4	180	14	20	54
1978	3 687	1	1	80	11	18	29
$200,000 or more ---- 1982	2 463	2	-	68	7	9	22
1978	1 073	-	-	24	1	6	14
SELECTED MACHINERY AND EQUIPMENT							
Automobiles ---- farms, 1982	41 140	232	45	1 243	347	170	290
1978	44 731	174	65	1 367	336	177	346
number, 1982	58 638	295	61	1 826	473	269	390
1978	62 798	195	80	1 992	466	271	464
Motortrucks, including pickups ---- farms, 1982	49 547	224	62	1 568	345	243	304
1978	50 146	225	76	1 640	341	202	365
number, 1982	80 352	264	89	2 678	433	379	566
1978	77 453	233	101	2 399	401	360	576
Wheel tractors ---- farms, 1982	53 627	282	72	1 664	428	240	312
1978	56 350	273	91	1 841	384	259	374
number, 1982	146 655	600	175	4 581	937	640	942
1978	148 063	514	235	4 706	859	670	1 061
Grain and bean combinas, self-propelled only ---- farms, 1982	19 294	32	10	410	88	34	164
1978	17 838	28	12	325	63	52	176
number, 1982	21 060	32	11	433	89	36	192
1978	18 919	28	13	330	64	56	192
Corn heads for combines ---- farms, 1982	12 364	11	4	312	17	14	78
1978	10 389	1	1	246	13	29	70
number, 1982	13 583	11	5	351	18	16	139
1978	11 076	(D)	(D)	249	13	30	71
Cottonpickers and strippers[1] ---- farms, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
Mower conditioners ---- farms, 1982	19 528	136	34	564	254	73	83
1978	19 616	141	51	591	164	75	144
number, 1982	21 055	136	37	597	267	75	87
1978	20 696	165	54	649	165	83	154
Pickup balars ---- farms, 1982	23 282	188	49	677	310	98	132
1978	23 686	142	67	690	197	73	174
number, 1982	25 051	212	58	702	332	102	153
1978	24 536	154	77	708	200	85	205
Field forage harvesters, shear bar or flywheel ---- farms, 1982	9 977	40	15	299	103	49	41
1978	10 929	24	17	345	56	59	67
number, 1982	11 809	41	19	343	128	52	62
1978	12 704	27	17	419	59	87	96
1982 Inventory							
Manufactured 1978 to 1982:							
Automobiles ---- farms	22 883	91	16	680	184	61	204
number	27 411	116	(D)	802	220	84	239
Motortrucks, including pickups ---- farms	22 091	55	18	808	111	112	143
number	25 884	(D)	(D)	963	123	131	174
Wheel tractors ---- farms	12 276	37	7	344	93	62	106
number	18 389	48	(D)	509	119	96	139
Grain and bean combinas, self-propellad only ---- farms	3 409	3	-	78	-	10	35
number	3 547	3	-	80	-	10	35
Corn heads for combines ---- farms	3 002	3	-	64	2	3	25
number	3 179	3	-	67	(D)	3	25
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	4 592	35	6	160	47	26	14
number	4 675	35	7	163	53	26	14
Pickup balers ---- farms	3 962	22	6	183	40	17	18
number	4 180	22	6	186	40	19	23
Field forage harvesters, shear bar or flywheel ---- farms	2 431	2	4	110	17	23	12
number	2 550	(D)	4	114	21	24	21

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment—farms, 1982	74	1 061	1 072	184	1 755	1 170	1 266
1978	93	1 031	1 170	175	1 925	1 193	1 310
$1,000, 1982	1 575	39 355	70 588	5 162	65 875	53 821	57 133
1978	1 464	26 106	47 614	4 203	51 387	41 265	37 523
Average per farm—dollars, 1982	21 287	37 092	65 847	28 054	37 535	46 001	45 129
1978	15 739	25 321	40 696	24 018	26 694	34 589	28 644
Farms by value group:							
$1 to $4,999	3	106	59	14	186	133	109
1978	11	131	102	34	194	134	155
$5,000 to $9,999	27	264	178	74	423	196	288
1978	36	287	165	49	460	277	331
$10,000 to $19,999	19	160	154	39	306	196	213
1978	26	231	311	29	509	228	324
$20,000 to $29,999	6	160	89	13	240	153	99
1978	10	142	136	19	218	179	136
$30,000 to $49,999	8	153	126	11	205	186	217
1978	4	72	147	20	258	90	134
$50,000 to $69,999	10	39	126	13	127	98	149
1978	3	71	87	6	115	93	82
$70,000 to $99,999	–	67	119	6	102	41	51
1978	2	49	72	9	81	73	73
$100,000 to $199,999	1	81	111	12	121	119	88
1978	1	41	125	8	70	102	55
$200,000 or more	–	31	110	2	45	48	52
1978	–	7	25	1	20	17	20
SELECTED MACHINERY AND EQUIPMENT							
Automobiles—farms, 1982	46	766	844	136	1 165	864	859
1978	63	775	904	128	1 370	953	988
number, 1982	70	1 076	1 073	200	1 551	1 240	1 251
1978	91	1 187	1 137	207	1 950	1 514	1 521
Motortrucks, including pickups—farms, 1982	66	864	849	144	1 530	951	1 120
1978	65	915	964	130	1 714	1 039	1 076
number, 1982	88	1 259	1 798	222	2 815	1 293	1 740
1978	83	1 265	1 779	193	3 026	1 486	1 574
Wheel tractors—farms, 1982	71	967	988	167	1 599	1 011	1 178
1978	86	1 001	1 128	155	1 814	1 074	1 201
number, 1982	157	2 443	3 016	383	4 747	2 752	3 134
1978	178	2 540	3 298	330	5 356	2 854	2 998
Grain and bean combines, self-propelled only—farms, 1982	13	230	612	5	356	488	510
1978	11	226	560	5	339	384	405
number, 1982	14	238	659	5	380	543	535
1978	11	247	588	5	355	414	421
Corn heads for combines—farms, 1982	2	189	295	2	281	381	442
1978	–	188	198	3	284	285	295
number, 1982	(D)	197	323	(D)	325	386	481
1978	–	212	200	3	288	298	310
Cottonpickers and strippers[1]—farms, 1982	–	–	–	–	–	–	–
1978	–	–	–	–	–	–	–
number, 1982	–	–	–	–	–	–	–
1978	–	–	–	–	–	–	–
Mower conditioners—farms, 1982	41	451	97	39	280	296	418
1978	35	456	135	38	313	298	513
number, 1982	44	476	99	60	316	300	434
1978	36	466	135	38	353	300	535
Pickup balers—farms, 1982	51	528	99	46	277	456	530
1978	49	562	162	27	295	447	649
number, 1982	56	586	99	47	305	466	557
1978	53	590	162	30	319	449	687
Field forage harvesters, shear bar or flywheel—farms, 1982	11	226	62	35	70	118	155
1978	7	261	55	22	109	202	221
number, 1982	13	282	64	35	73	148	167
1978	8	320	67	22	131	243	250
1982 Inventory							
Manufactured 1978 to 1982:							
Automobiles—farms	25	390	503	70	500	500	505
number	28	437	567	87	553	586	573
Motortrucks, including pickups—farms	23	313	405	45	714	435	534
number	23	360	480	60	821	467	627
Wheel tractors—farms	12	172	294	30	371	233	245
number	(D)	300	454	56	532	308	397
Grain and bean combines, self-propelled only—farms	1	49	142	–	39	107	89
number	(D)	49	142	–	40	140	94
Corn heads for combines—farms	–	52	135	–	36	85	87
number	–	53	147	–	37	85	94
Cottonpickers and strippers—farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners—farms	10	116	13	7	41	61	86
number	10	117	13	7	51	62	86
Pickup balers—farms	7	97	13	8	52	49	104
number	7	101	13	8	59	49	104
Field forage harvesters, shear bar or flywheel—farms	1	73	11	5	14	37	54
number	(D)	74	11	5	14	37	55

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Date are besed on a sample of farms. For meening of abbreviations end symbols, see introductory text]

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ---- farms, 1982	1 022	256	197	378	317	1 518	18
1978	1 068	248	221	369	315	1 517	16
$1,000, 1982	43 133	7 738	4 210	11 963	13 208	66 640	257
1978	37 233	6 247	4 719	7 754	7 203	52 116	142
Average per farm ---- dollars, 1982	42 204	30 225	21 369	31 648	41 665	43 900	14 251
1978	34 863	25 191	21 354	21 013	22 868	34 355	8 859
Ferms by value group:							
$1 to $4,999 ---- 1982	82	14	16	19	36	73	-
1978	105	40	20	32	44	176	3
$5,000 to $9,999 ---- 1982	211	88	58	91	86	276	7
1978	236	76	99	67	98	259	9
$10,000 to $19,999 ---- 1982	244	40	68	60	54	345	7
1978	254	34	44	131	73	361	3
$20,000 to $29,999 ---- 1982	121	33	25	79	27	204	1
1978	114	39	14	59	39	191	-
$30,000 to $49,999 ---- 1982	92	23	11	52	30	146	3
1978	74	8	17	52	35	198	1
$50,000 to $69,999 ---- 1982	91	32	4	37	23	204	-
1978	106	21	8	10	2	102	-
$70,000 to $99,999 ---- 1982	26	7	3	13	16	84	-
1978	79	20	12	16	6	111	-
$100,000 to $199,999 ---- 1982	120	16	11	26	39	136	-
1978	83	8	3	2	17	92	-
$200,000 or more ---- 1982	35	3	1	1	6	50	-
1978	17	2	4	-	1	27	-
SELECTED MACHINERY AND EQUIPMENT							
Automobiles ---- farms, 1982	715	169	137	255	254	1 169	13
1978	775	155	131	270	216	1 160	9
number, 1982	994	237	176	297	329	1 720	17
1978	1 064	209	165	346	263	1 566	9
Motortrucks, including pickups ---- farms, 1982	860	201	167	296	291	1 301	16
1978	881	191	166	290	227	1 296	12
number, 1982	1 466	302	272	395	396	1 849	(D)
1978	1 414	244	212	388	288	1 584	(D)
Wheel tractors ---- farms, 1982	905	226	187	348	304	1 392	17
1978	988	232	212	349	275	1 408	14
number, 1982	2 445	569	416	877	794	3 864	31
1978	2 493	516	444	828	624	3 492	(D)
Grain and bean combines, self-propelled only ---- farms, 1982	256	21	47	143	99	623	2
1978	288	22	30	112	51	553	1
number, 1982	302	21	47	156	99	658	(D)
1978	318	23	35	118	51	577	(D)
Corn heads for combines ---- farms, 1982	240	19	9	8	55	401	-
1978	264	15	12	1	21	320	-
number, 1982	286	19	9	8	55	476	-
1978	301	15	12	(D)	21	324	-
Cottonpickers and strippers[1] ---- farms, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
Mower conditioners ---- farms, 1982	233	92	101	199	153	523	4
1978	257	83	84	185	132	526	2
number, 1982	248	92	101	244	161	533	(D)
1978	275	96	85	200	146	545	(D)
Pickup balers ---- farms, 1982	383	151	113	278	196	559	7
1978	360	135	126	259	187	626	8
number, 1982	399	165	122	316	220	571	(D)
1978	382	148	131	289	189	631	8
Field forage harvesters, shear bar or flywheel ---- farms, 1982	118	43	37	52	136	299	2
1978	132	88	35	63	72	323	1
number, 1982	127	44	43	57	160	354	(D)
1978	144	103	38	73	74	359	(D)
1982 Inventory							
Manufactured 1978 to 1982:							
Automobiles ---- farms	418	79	65	108	163	700	8
number	492	89	71	125	198	825	(D)
Motortrucks, including pickups ---- ferms	399	98	69	82	102	578	6
number	473	118	87	99	128	635	6
Wheel tractors ---- farms	196	52	36	70	50	290	2
number	314	80	46	109	110	471	(D)
Grain and bean combines, self-propelled only ---- farms	83	10	1	7	17	84	-
number	94	10	(D)	7	17	88	-
Corn heads for combines ---- farms	86	10	1	1	16	64	-
number	99	10	(D)	(D)	16	67	-
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	51	43	28	67	23	127	-
number	52	43	28	77	24	127	-
Pickup balers ---- farms	76	49	17	70	34	95	1
number	84	58	18	75	47	100	(D)
Field forage harvesters, shear bar or flywheel ---- farms	18	16	4	2	38	76	-
number	18	16	4	(D)	49	80	-

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on e sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
VALUE OF MACHINERY AND EQUIPMENT							
Estimeted market value of all machinery and equipment—farms, 1982	315	123	1 372	253	990	433	82
1978	333	116	1 391	230	990	414	72
$1,000, 1982	11 638	6 411	60 648	7 196	45 577	10 978	1 674
1978	8 841	6 060	37 790	4 609	30 474	9 009	888
Averege per farm—dollars, 1982	36 947	52 124	44 204	28 444	46 038	25 353	20 420
1978	26 550	52 239	27 168	20 040	30 782	21 760	12 340
Farms by value group:							
$1 to $4,999—1982	21	7	82	18	87	28	7
1978	34	13	121	53	83	68	10
$5,000 to $9,999—1982	80	33	310	69	209	103	25
1978	87	35	426	72	318	116	31
$10,000 to $19,999—1982	71	15	260	79	167	117	26
1978	68	8	281	30	228	118	23
$20,000 to $29,999—1982	33	5	189	16	99	81	10
1978	45	11	158	33	76	30	4
$30,000 to $49,999—1982	47	17	105	27	120	56	6
1978	51	8	154	21	94	31	2
$50,000 to $69,999—1982	11	11	136	7	68	26	4
1978	5	6	122	7	66	16	1
$70,000 to $99,999—1982	18	16	95	30	116	5	3
1978	28	13	57	8	54	18	1
$100,000 to $199,999—1982	28	15	140	5	89	11	-
1978	13	15	59	5	49	16	-
$200,000 or more—1982	6	4	55	2	35	6	1
1978	2	7	13	1	22	1	-
SELECTED MACHINERY AND EQUIPMENT							
Automobiles—farms, 1982	217	98	1 010	203	608	294	45
1978	263	93	1 117	160	611	322	48
number, 1982	286	145	1 371	277	977	421	61
1978	350	143	1 587	213	862	450	62
Motortrucks, including pickups—farms, 1982	282	113	1 191	212	859	371	69
1978	263	105	1 193	172	825	321	61
number, 1982	419	236	1 827	348	1 444	478	91
1978	350	218	1 760	263	1 285	408	70
Wheel tractors—farms, 1982	292	112	1 283	247	860	386	79
1978	306	113	1 296	211	950	375	65
number, 1982	765	311	3 194	560	2 376	1 016	163
1978	781	313	3 222	432	2 374	806	124
Grain and bean combines, self-propelled only—farms, 1982	84	23	487	57	401	120	7
1978	70	33	432	16	317	104	7
number, 1982	94	23	527	57	447	136	7
1978	74	33	499	16	338	104	7
Corn heads for combines—farms, 1982	19	5	413	8	225	43	1
1978	16	3	361	3	133	55	-
number, 1982	19	5	443	8	252	51	(D)
1978	23	3	436	3	148	55	-
Cottonpickers and strippers[1]—farms, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
Mower conditioners—farms, 1982	142	65	500	128	287	232	29
1978	171	67	421	105	306	143	20
number, 1982	151	65	523	134	320	240	29
1978	180	69	451	109	321	148	21
Pickup balers—farms, 1982	179	77	612	149	345	218	51
1978	198	88	619	108	356	198	37
number, 1982	206	87	644	156	405	241	51
1978	207	92	630	144	361	199	38
Field forage harvesters, shaar ber or flywheel—farms, 1982	104	31	180	65	130	73	10
1978	74	36	277	54	160	88	9
number, 1982	115	37	212	65	190	85	12
1978	90	39	333	56	193	103	10
1982 Inventory							
Manufactured 1978 to 1982:							
Automobiles—farms	87	46	595	115	320	187	14
number	108	55	683	128	420	205	14
Motortrucks, including pickups—farms	84	47	517	77	404	179	28
number	92	53	588	86	472	194	28
Wheel tractors—farms	58	11	241	20	145	83	6
number	71	20	361	(D)	238	120	(D)
Grain and bean combines, self-propelled only—farms	8	3	94	-	38	15	-
number	8	3	96	-	42	15	-
Corn heads for combines—farms	8	-	90	1	28	15	-
number	8	-	92	(D)	29	16	-
Cottonpickers end strippers—farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners—ferms	12	17	72	52	41	47	8
number	12	17	73	52	43	47	8
Pickup baters—farms	23	17	63	35	47	49	11
number	23	19	63	35	50	54	11
Field forage harvesters, shear bar or flywheel—farms	11	6	29	14	22	17	1
number	11	6	30	14	27	17	(D)

See footnotes et and of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment — farms, 1982	462	1 215	1 348	195	1 645	1 105	1 173	244
1978	482	1 329	1 541	213	1 797	1 063	1 230	236
$1,000, 1982	22 897	75 882	59 167	4 677	122 899	50 591	57 918	11 664
1978	18 336	54 328	42 095	3 893	86 459	39 081	45 373	6 652
Average per farm — dollars, 1982	49 560	62 454	43 892	23 984	74 711	45 784	49 376	47 801
1978	38 041	40 879	27 316	18 275	48 113	36 765	36 889	28 188
Farms by value group:								
$1 to $4,999 — 1982	30	46	175	11	31	105	54	-
1978	56	34	143	32	70	84	59	15
$5,000 to $9,999 — 1982	74	100	262	79	152	223	256	73
1978	135	253	516	66	266	278	315	102
$10,000 to $19,999 — 1982	118	276	236	64	219	241	166	55
1978	42	285	275	35	336	192	284	45
$20,000 to $29,999 — 1982	33	147	113	7	227	110	162	36
1978	35	218	107	40	229	132	148	16
$30,000 to $49,999 — 1982	68	135	168	16	198	152	186	23
1978	101	157	272	21	243	116	151	23
$50,000 to $69,999 — 1982	27	204	117	-	191	69	90	7
1978	36	145	101	6	261	65	103	14
$70,000 to $99,999 — 1982	26	68	82	2	157	61	91	21
1978	32	85	37	12	151	96	52	4
$100,000 to $199,999 — 1982	67	152	150	16	313	90	118	24
1978	34	120	79	1	192	73	74	9
$200,000 or more — 1982	19	87	45	-	157	54	50	5
1978	11	32	11	-	49	27	44	8
SELECTED MACHINERY AND EQUIPMENT								
Automobiles — farms, 1982	295	969	986	129	1 473	750	901	136
1978	343	1 114	1 104	147	1 540	786	1 000	181
number, 1982	370	1 439	1 392	186	2 140	1 118	1 269	193
1978	503	1 436	1 541	215	2 156	1 108	1 370	241
Motortrucks, including pickups — farms, 1982	384	1 098	1 104	169	1 423	961	1 081	189
1978	354	1 152	1 300	192	1 451	875	1 052	172
number, 1982	628	2 200	1 690	253	2 563	1 513	1 534	241
1978	578	1 779	1 862	289	2 440	1 432	1 376	220
Wheel tractors — farms, 1982	430	1 130	1 222	178	1 534	974	1 137	238
1978	442	1 243	1 405	202	1 687	991	1 154	229
number, 1982	1 195	3 388	3 213	449	5 570	2 797	3 119	574
1978	1 231	3 212	3 463	445	5 344	2 787	3 102	480
Grain and bean combines, self-propelled only — farms, 1982	34	623	571	10	1 142	334	352	62
1978	43	612	467	38	1 015	372	391	31
number, 1982	36	759	619	10	1 264	356	389	64
1978	(D)	634	495	38	1 054	405	429	33
Corn heads for combines — farms, 1982	17	384	522	1	506	293	307	20
1978	22	443	417	-	480	314	303	16
number, 1982	19	392	590	(D)	522	340	360	23
1978	22	458	449	-	492	370	310	17
Cottonpickers and strippers[1] — farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditioners — farms, 1982	188	310	464	65	562	435	486	153
1978	123	244	471	55	591	387	495	84
number, 1982	191	312	469	65	588	447	517	155
1978	136	249	491	60	600	423	507	84
Pickup balers — farms, 1982	174	312	579	135	712	472	593	154
1978	127	292	563	130	711	454	585	115
number, 1982	197	327	635	146	751	530	661	169
1978	136	294	608	130	729	466	600	115
Field forage harvesters, shear bar or flywheel — farms, 1982	77	157	233	32	480	188	275	59
1978	68	166	296	52	492	264	229	52
number, 1982	91	218	254	33	563	205	320	67
1978	75	179	325	58	552	322	263	81
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles — farms	152	547	543	55	765	447	517	72
number	170	686	640	(D)	1 008	577	607	(D)
Motortrucks, including pickups — farms	173	528	513	42	683	403	581	87
number	234	640	550	42	797	478	633	98
Wheel tractors — farms	126	288	241	27	505	200	298	57
number	178	432	314	34	762	367	461	96
Grain and bean combines, self-propelled only — farms	8	142	122	-	242	75	76	4
number	8	142	122	-	244	80	79	4
Corn heads for combines — farms	4	147	136	1	129	69	86	4
number	4	150	144	(D)	134	75	92	7
Cottonpickers and strippers — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners — farms	54	47	130	18	100	121	106	28
number	54	47	132	18	100	123	110	28
Pickup balers — farms	51	44	108	21	93	92	89	46
number	53	49	114	21	93	95	90	47
Field forage harvesters, shear bar or flywheel — farms	24	30	38	1	140	34	67	18
number	24	30	40	(D)	142	38	70	20

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ---- farms, 1982	98	1 016	1 241	961	91	1 525	4	123
1978	92	992	1 186	976	92	1 461	5	127
$1,000, 1982	2 707	43 032	48 832	37 663	3 446	62 839	19	2 558
1978	2 038	35 630	37 416	32 203	2 326	51 068	29	1 930
Average per farm ---- dollars, 1982	27 619	42 354	39 349	39 192	37 873	41 206	4 750	20 799
1978	22 155	35 917	31 548	32 995	25 279	34 954	5 812	15 195
Farms by value group:								
$1 to $4,999 ---- 1982	7	79	139	122	5	144	2	29
1978	4	79	129	70	10	178	3	7
$5,000 to $9,999 ---- 1982	33	170	261	234	30	305	1	42
1978	40	203	314	228	32	323	1	63
$10,000 to $19,999 ---- 1982	25	261	249	172	15	404	1	25
1978	23	168	224	210	17	344	1	23
$20,000 to $29,999 ---- 1982	10	82	214	138	8	168	-	4
1978	10	139	167	172	9	131	-	22
$30,000 to $49,999 ---- 1982	4	177	146	86	14	181	-	14
1978	4	149	153	104	8	151	-	7
$50,000 to $69,999 ---- 1982	8	57	57	72	4	69	-	2
1978	2	95	92	63	6	144	-	2
$70,000 to $99,999 ---- 1982	6	71	29	29	5	70	-	1
1978	5	67	30	47	5	37	-	2
$100,000 to $199,999 ---- 1982	4	88	108	69	8	114	-	3
1978	3	74	58	63	4	120	-	1
$200,000 or more ---- 1982	1	31	38	39	2	70	-	3
1978	1	18	19	19	1	33	-	-
SELECTED MACHINERY AND EQUIPMENT								
Automobiles ---- farms, 1982	59	719	747	636	61	953	2	91
1978	61	776	880	713	62	1 023	4	96
number, 1982	79	1 064	1 081	879	82	1 476	(D)	124
1978	(D)	1 144	1 281	994	83	1 606	4	116
Motortrucks, including pickups ---- farms, 1982	84	826	1 082	815	75	1 234	1	87
1978	77	807	978	846	75	1 183	4	111
number, 1982	157	1 173	1 712	1 311	110	2 012	(D)	109
1978	133	1 176	1 475	1 355	113	1 929	(D)	139
Wheel tractors ---- farms, 1982	90	938	1 121	830	90	1 365	3	105
1978	88	915	1 114	914	82	1 356	4	114
number, 1982	226	2 446	2 784	2 030	226	3 936	(D)	232
1978	210	2 330	2 967	2 199	181	3 660	(D)	275
Grain and bean combines, self-propelled only ---- farms, 1982	22	412	360	223	18	288	-	35
1978	14	382	233	267	13	229	-	16
number, 1982	22	467	379	247	18	300	-	36
1978	14	410	250	272	13	241	-	16
Corn heads for combines ---- farms, 1982	3	323	280	224	14	229	-	8
1978	-	269	175	238	7	148	-	1
number, 1982	3	346	330	253	15	235	-	8
1978	-	269	248	249	8	156	-	(D)
Cottonpickers and strippers[1] ---- farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditioners ---- farms, 1982	36	447	437	313	32	552	-	41
1978	37	321	404	292	27	638	-	39
number, 1982	39	474	459	343	34	613	-	41
1978	42	326	434	300	27	657	-	40
Pickup balers ---- farms, 1982	68	458	496	311	47	651	2	60
1978	55	419	526	330	37	726	-	76
number, 1982	73	510	550	326	49	720	(D)	62
1978	58	431	554	336	37	757	-	80
Field forage harvesters, shear bar or flywheel ---- farms, 1982	22	266	252	127	19	221	-	22
1978	14	254	258	141	21	310	-	34
number, 1982	27	342	301	150	22	320	-	23
1978	(D)	322	274	166	25	344	-	37
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles ---- farms	32	388	410	248	29	598	1	45
number	(D)	472	481	305	37	769	(D)	51
Motortrucks, including pickups ---- farms	28	364	544	406	20	583	-	27
number	(D)	404	614	474	24	710	-	32
Wheel tractors ---- farms	15	240	264	166	14	379	1	7
number	22	328	338	253	18	652	(D)	10
Grain and bean combines, self-propelled only ---- farms	1	51	40	51	1	93	-	2
number	(D)	52	41	52	(D)	93	-	(D)
Corn heads for combines ---- farms	-	54	41	49	1	79	-	-
number	-	55	42	51	(D)	80	-	-
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ---- farms	13	143	129	80	15	153	-	4
number	13	143	131	81	15	156	-	4
Pickup balers ---- farms	10	107	158	54	11	131	-	5
number	11	117	163	57	11	144	-	5
Field forage harvesters, shear bar or flywheel ---- farms	2	109	42	26	3	65	-	2
number	(D)	113	44	26	3	68	-	(D)

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms, 1982	1 361	429	1 618	884	29	96	819	304
1978	1 315	416	1 840	791	30	87	839	341
$1,000, 1982	58 762	21 359	85 623	34 826	865	3 265	32 178	9 547
1978	48 545	15 201	70 522	25 483	978	2 454	25 346	8 535
Average per farm—dollars, 1982	43 176	49 789	52 919	39 396	29 834	34 014	39 289	31 403
1978	36 917	36 540	38 327	32 216	32 609	28 209	30 209	25 030
Farms by value group:								
$1 to $4,999—1982	91	27	97	60	3	5	43	41
1978	106	32	177	74	2	7	92	46
$5,000 to $9,999—1982	365	91	338	248	4	32	126	81
1978	403	88	414	248	6	24	111	117
$10,000 to $19,999—1982	263	50	202	177	9	14	154	53
1978	252	64	369	126	8	13	194	67
$20,000 to $29,999—1982	132	66	214	85	2	13	152	37
1978	104	43	170	130	4	13	111	54
$30,000 to $49,999—1982	147	47	196	109	7	12	165	43
1978	148	99	261	34	4	9	183	10
$50,000 to $69,999—1982	95	43	198	74	–	7	69	20
1978	94	32	136	50	2	13	74	30
$70,000 to $99,999—1982	100	47	84	45	3	3	20	2
1978	101	19	120	57	1	7	32	1
$100,000 to $199,999—1982	112	38	195	42	1	9	63	20
1978	60	34	146	62	2	1	35	11
$200,000 or more—1982	56	20	94	44	–	1	27	7
1978	47	5	47	10	1	–	7	5
SELECTED MACHINERY AND EQUIPMENT								
Automobiles—farms, 1982	782	280	1 282	589	22	74	519	230
1978	870	304	1 302	546	22	66	609	199
number, 1982	1 194	398	1 818	889	28	90	786	278
1978	1 291	482	1 793	744	29	88	803	281
Motortrucks, including pickups—farms, 1982	1 121	377	1 413	719	25	68	731	241
1978	1 080	318	1 592	626	27	70	716	262
number, 1982	1 748	704	2 407	1 153	53	90	1 198	379
1978	1 669	530	2 664	949	49	91	1 059	407
Wheel tractors—farms, 1982	1 247	381	1 473	823	26	90	759	268
1978	1 257	396	1 652	767	27	84	786	314
number, 1982	3 450	1 104	4 052	1 964	66	224	2 042	559
1978	3 446	1 107	4 240	1 941	63	222	2 180	716
Grain and bean combines, self-propelled only—farms, 1982	295	29	796	136	7	34	273	5
1978	308	15	844	139	7	29	196	27
number, 1982	303	(D)	858	145	8	35	297	7
1978	315	16	885	145	9	32	198	32
Corn heads for combines—farms, 1982	268	16	639	106	1	2	99	3
1978	179	1	636	110	–	1	71	11
number, 1982	275	17	714	117	(D)	(D)	103	3
1978	186	(D)	664	119	–	(D)	73	11
Cottonpickers and strippers[1]—farms, 1982	–	–	–	–	–	–	–	–
1978	–	–	–	–	–	–	–	–
number, 1982	–	–	–	–	–	–	–	–
1978	–	–	–	–	–	–	–	–
Mower conditioners—farms, 1982	574	88	413	397	12	46	239	70
1978	646	105	367	407	13	49	250	79
number, 1982	617	90	519	446	12	49	240	70
1978	691	114	416	430	14	51	264	79
Pickup balers—farms, 1982	670	123	503	422	11	71	289	69
1978	675	82	515	382	14	55	292	117
number, 1982	703	124	520	478	15	82	303	75
1978	696	83	521	388	15	57	293	117
Field forage harvesters, shear bar or flywheel—farms, 1982	363	72	140	161	4	28	128	13
1978	411	65	167	170	7	24	141	59
number, 1982	441	75	174	189	5	34	141	13
1978	485	83	181	197	8	33	160	69
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles—farms	467	147	791	373	14	42	297	114
number	597	170	920	488	(D)	49	408	119
Motortrucks, including pickups—farms	494	144	595	359	10	19	399	124
number	565	203	724	450	13	19	486	144
Wheel tractors—farms	272	148	328	263	3	15	165	56
number	402	310	497	366	(D)	19	240	92
Grain and bean combines, self-propelled only—farms	30	1	189	45	–	1	28	1
number	30	(D)	194	47	–	(D)	29	(D)
Corn heads for combines—farms	41	9	169	37	–	–	19	–
number	41	9	192	39	–	–	20	–
Cottonpickers and strippers—farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners—farms	137	32	121	94	6	13	41	17
number	138	33	127	95	6	13	42	17
Pickup balers—farms	99	10	98	107	4	9	30	2
number	103	11	110	109	4	10	30	(D)
Field forage harvesters, shear bar or flywheel—farms	93	3	50	44	1	3	13	–
number	103	4	62	45	(D)	3	13	–

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Deta are based on a sample of farms. For meaning of abbreviations and symbols, sae introductory text]

All farms	Marquette	Mason	Mecosta	Manominae	Midland	Missaukee	Monroe	Montcalm
VALUE OF MACHINERY AND EQUIPMENT								
Estimated markat value of all machinary and equipmant—farms, 1982	125	492	684	458	502	343	1 452	1 133
1978	101	496	687	490	524	363	1 528	1 208
$1,000, 1982	2 841	18 602	25 916	21 913	24 884	20 712	74 816	57 018
1978	1 834	15 203	16 732	16 776	18 483	16 279	53 298	41 092
Average per farm—dollars, 1982	23 531	37 809	37 889	47 844	49 570	60 385	51 526	50 325
1978	18 162	30 651	24 355	34 238	35 273	44 846	34 881	34 016
Farms by value group:								
$1 to $4,999 — 1982	2	69	55	37	48	20	118	98
1978	15	30	131	67	64	23	129	131
$5,000 to $9,999 — 1982	56	94	147	74	77	59	313	272
1978	37	155	207	118	106	47	356	328
$10,000 to $19,999 — 1982	33	69	162	100	92	33	239	205
1978	21	96	145	82	138	74	307	284
$20,000 to $29,999 — 1982	4	84	52	29	77	40	150	105
1978	12	61	81	17	66	28	192	112
$30,000 to $49,999 — 1982	7	61	96	41	63	29	157	148
1978	8	43	50	87	57	65	191	85
$50,000 to $69,999 — 1982	14	32	55	51	43	50	115	80
1978	4	60	14	33	9	44	122	114
$70,000 to $99,999 — 1982	4	44	31	59	21	34	113	55
1978	1	18	41	33	35	49	93	62
$100,000 to $199,999 — 1982	5	18	74	51	61	64	170	104
1978	3	28	11	47	29	26	119	62
$200,000 or mora — 1982	-	21	12	16	20	14	77	66
1978	-	5	7	6	20	7	19	30
SELECTED MACHINERY AND EQUIPMENT								
Automobiles—farms, 1982	74	360	456	311	344	268	1 093	793
1978	63	397	488	408	390	266	1 099	999
number, 1982	93	512	685	452	487	322	1 683	1 065
1978	81	508	702	564	525	394	1 532	1 474
Motortrucks, including pickups—farms, 1982	119	383	564	406	452	287	1 270	949
1978	87	407	553	415	424	297	1 348	947
number, 1982	208	582	826	550	797	360	2 403	1 492
1978	137	591	724	588	698	415	2 424	1 512
Wheel tractors—farms, 1982	120	450	602	442	483	298	1 362	1 044
1978	93	440	645	479	468	356	1 465	1 183
number, 1982	251	1 200	1 636	1 333	1 196	937	3 625	2 745
1978	211	1 226	1 420	1 310	1 182	919	3 673	3 160
Grain and bean combines, self-propelled only—farms, 1982	16	65	122	171	217	47	676	360
1978	12	74	94	116	196	99	691	360
number, 1982	17	65	122	173	258	47	762	416
1978	12	74	97	121	200	99	721	391
Corn haads for combines—farms, 1982	3	56	60	97	158	27	492	234
1978	1	43	59	39	98	14	432	216
number, 1982	3	58	62	99	165	27	559	267
1978	(D)	43	60	44	99	14	454	218
Cottonpickers and strippers[1]—farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditionars—farms, 1982	41	207	287	258	115	202	186	401
1978	39	172	249	284	85	226	283	370
number, 1982	45	245	303	267	115	220	202	414
1978	41	185	251	305	100	232	353	382
Pickup balers—farms, 1982	54	194	374	294	165	241	325	463
1978	53	196	270	358	115	225	379	500
number, 1982	69	199	409	316	165	290	343	508
1978	56	201	280	371	115	232	380	508
Field forage harvesters, shear bar or flywheel—farms, 1982	14	103	221	209	49	122	76	227
1978	12	101	145	177	52	144	136	255
number, 1982	23	132	274	252	59	146	86	252
1978	14	106	164	221	54	173	163	308
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles—farms	33	154	242	170	204	132	606	389
number	(D)	193	267	221	229	156	735	444
Motortrucks, including pickups—farms	39	153	251	125	169	122	532	449
number	49	171	277	128	197	143	614	529
Wheel tractors—farms	6	109	100	160	93	85	261	193
number	(D)	182	128	218	122	132	409	281
Grain and bean combines, self-propelled only—farms	-	9	11	11	66	4	196	20
number	-	9	11	11	68	4	204	21
Corn heads for combines—farms	-	10	11	8	54	5	136	28
number	-	10	11	9	56	5	162	28
Cottonpickers and strippers—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners—farms	6	40	95	54	33	80	32	87
number	6	40	95	54	33	80	34	88
Pickup balers—farms	11	22	75	44	22	46	33	48
number	11	23	83	45	22	52	36	50
Field forage harvesters, shear bar or flywheel—farms	5	20	45	90	16	43	12	51
number	5	21	46	91	16	46	16	51

See footnotes at and of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms, 1982	106	473	784	689	735	308	145	549
1978	110	484	804	616	769	302	149	548
$1,000, 1982	5 283	19 110	29 425	16 034	29 527	12 724	3 214	18 787
1978	3 375	15 560	24 405	15 328	22 354	10 607	2 848	14 283
Average per farm—dollars, 1982	49 840	40 403	37 531	23 271	40 173	41 310	22 167	34 220
1978	30 678	32 148	30 355	24 883	29 069	35 122	19 115	26 065
Farms by value group:								
$1 to $4,999—1982	6	46	77	73	25	16	16	66
1978	13	89	93	75	87	19	27	78
$5,000 to $9,999—1982	22	111	253	222	163	83	33	117
1978	35	137	191	224	189	88	40	174
$10,000 to $19,999—1982	13	113	127	186	188	73	39	141
1978	20	92	202	108	204	72	39	124
$20,000 to $29,999—1982	7	47	67	71	101	29	15	74
1978	14	50	97	68	71	47	15	20
$30,000 to $49,999—1982	20	40	120	68	93	49	28	59
1978	8	16	112	45	75	18	14	79
$50,000 to $69,999—1982	9	23	6	12	48	7	3	17
1978	3	22	26	24	60	21	6	16
$70,000 to $99,999—1982	11	42	28	34	45	16	10	21
1978	7	20	21	46	40	13	4	25
$100,000 to $199,999—1982	15	34	80	16	45	20	1	31
1978	9	45	35	21	32	14	4	26
$200,000 or more—1982	3	17	26	7	27	15	-	23
1978	1	13	27	5	11	10	-	6
SELECTED MACHINERY AND EQUIPMENT								
Automobiles—farms, 1982	79	304	446	329	612	219	98	354
1978	91	332	586	343	578	215	78	415
number, 1982	107	430	627	448	907	249	128	544
1978	114	449	737	476	830	308	94	521
Motortrucks, including pickups—farms, 1982	86	373	616	523	640	270	131	452
1978	86	417	646	446	648	233	121	441
number, 1982	117	589	899	813	1 047	325	171	582
1978	104	656	867	695	1 070	316	161	541
Wheel tractors—farms, 1982	101	443	722	591	671	290	136	519
1978	106	443	747	499	715	285	145	500
number, 1982	258	1 071	1 967	1 020	1 969	770	320	1 245
1978	239	1 151	1 827	1 120	1 996	752	369	1 149
Grain and bean combines, self-propelled only—farms, 1982	36	61	109	54	74	120	32	106
1978	28	46	118	83	38	42	27	88
number, 1982	38	62	112	57	74	122	36	115
1978	32	48	126	85	39	43	27	90
Corn heads for combines—farms, 1982	7	28	75	34	53	37	-	43
1978	4	42	90	58	20	21	2	17
number, 1982	7	33	77	44	83	38	-	43
1978	4	45	131	59	22	21	(D)	18
Cottonpickers and strippers[1]—farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditioners—farms, 1982	64	164	364	213	203	193	88	280
1978	48	165	376	187	232	147	52	315
number, 1982	70	177	372	221	225	198	91	281
1978	64	188	399	235	234	147	53	322
Pickup balers—farms, 1982	69	198	393	217	197	200	109	335
1978	72	203	394	218	235	212	113	333
number, 1982	75	210	398	225	206	238	126	373
1978	88	206	405	221	247	219	118	346
Field forage harvesters, shear bar or flywheel—farms, 1982	21	97	154	70	113	75	13	143
1978	21	98	215	65	155	76	31	130
number, 1982	21	102	174	76	127	92	15	155
1978	22	111	259	68	178	83	31	140
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles—farms	52	179	260	201	347	70	48	202
number	61	219	313	283	401	84	48	251
Motortrucks, including pickups—farms	37	219	269	247	264	118	33	207
number	37	263	349	310	329	127	(D)	231
Wheel tractors—farms	24	107	165	122	201	80	16	119
number	33	173	248	143	323	141	(D)	154
Grain and bean combines, self-propelled only—farms	8	11	14	8	12	2	-	10
number	8	11	14	9	12	(D)	-	10
Corn heads for combines—farms	1	13	15	8	11	2	-	12
number	(D)	17	15	9	11	(D)	-	12
Cottonpickers and strippers—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners—farms	17	27	127	43	47	37	11	53
number	19	27	127	43	47	37	11	54
Pickup balers—farms	14	25	40	25	43	49	10	70
number	15	26	40	25	48	51	10	71
Field forage harvesters, shear bar or flywheel—farms	7	17	54	3	29	28	5	61
number	7	18	55	3	30	28	5	64

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Date ere besed on e sample of farms. For meening of ebbrevietions end symbols, see introductory text]

All farms	Oscoda	Otsego	Ottawe	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
VALUE OF MACHINERY AND EQUIPMENT								
Estimeted market value of ell machinery end equipment ---- ferms, 1982	86	142	1 566	335	37	1 702	1 302	1 033
1978	80	151	1 582	349	31	1 818	1 318	1 070
$1,000, 1982	2 704	4 496	71 313	13 079	772	94 388	56 520	51 721
1978	2 003	3 419	47 863	11 408	561	70 211	35 311	34 041
Average per ferm ---- dollers, 1982	31 439	31 663	45 538	39 042	20 872	55 457	43 410	50 068
1978	25 038	22 640	30 254	32 689	18 105	38 620	26 791	31 814
Ferms by velue group:								
$1 to $4,999 ---- 1982	8	5	133	33	6	64	90	106
1978	8	12	211	13	4	122	91	137
$5,000 to $9,999 ---- 1982	27	29	346	100	14	290	295	248
1978	20	49	406	93	10	315	338	266
$10,000 to $19,999 ---- 1982	14	27	332	55	7	293	235	149
1978	20	27	318	107	7	429	296	202
$20,000 to $29,999 ---- 1982	4	21	141	34	3	223	131	46
1978	11	27	147	33	3	175	189	145
$30,000 to $49,999 ---- 1982	11	29	156	25	3	261	235	129
1978	8	14	182	19	4	268	196	130
$50,000 to $69,999 ---- 1982	12	14	119	34	3	152	55	118
1978	7	17	160	28	2	206	94	51
$70,000 to $99,999 ---- 1982	4	9	134	11	-	125	64	66
1978	3	-	60	23	1	106	56	64
$100,000 to $199,999 ---- 1982	6	7	151	34	-	187	154	127
1978	3	5	78	31	-	157	51	54
$200,000 or more ---- 1982	-	1	54	9	1	107	43	44
1978	-	-	20	2	-	40	7	21
SELECTED MACHINERY AND EQUIPMENT								
Automobiles ---- farms, 1982	54	92	1 036	263	21	1 377	848	677
1978	58	111	1 147	277	19	1 408	973	841
number, 1982	64	137	1 577	364	25	1 938	1 168	1 018
1978	79	145	1 690	409	(D)	1 940	1 374	1 199
Motortrucks, including pickups ---- farms, 1982	64	119	1 323	293	32	1 530	1 044	902
1978	62	109	1 277	293	23	1 553	1 074	882
number, 1982	85	182	2 135	427	54	2 902	1 568	1 291
1978	82	156	2 020	433	32	2 767	1 538	1 140
Wheel trectors ---- farms, 1982	73	135	1 403	302	32	1 629	1 202	882
1978	73	139	1 483	343	28	1 678	1 210	946
number, 1982	191	374	4 166	908	(D)	5 102	3 123	2 270
1978	183	364	3 899	889	55	5 168	3 196	2 404
Grain end bean combines, self-propelled only ---- farms, 1982	11	24	217	115	3	1 042	553	383
1978	7	25	198	95	5	1 035	462	273
number, 1982	11	24	217	129	3	1 139	634	421
1978	8	25	204	105	5	1 136	503	284
Corn heads for combines ---- farms, 1982	2	7	178	17	1	447	233	374
1978	3	8	176	1	1	374	158	251
number, 1982	(D)	7	190	17	(D)	477	249	408
1978	3	8	184	(D)	(D)	402	159	274
Cottonpickers and strippers[1] ---- farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditioners ---- farms, 1982	42	69	475	145	8	337	474	255
1978	40	63	482	217	10	386	520	230
number, 1982	43	74	502	153	8	340	882	261
1978	44	63	512	237	12	391	533	238
Pickup belers ---- farms, 1982	54	82	607	177	15	409	590	337
1978	47	95	566	210	17	451	624	308
number, 1982	57	82	622	187	18	411	640	342
1978	49	95	575	212	19	460	675	318
Field forage harvesters, sheer bar or flywheel ---- farms, 1982	27	47	303	66	1	181	224	122
1978	21	48	308	73	4	163	277	80
number, 1982	36	57	342	69	(D)	219	260	147
1978	28	55	353	115	4	183	321	94
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles ---- farms	21	58	549	141	13	762	468	420
number	21	72	665	167	(D)	898	562	492
Motortrucks, including pickups ---- farms	22	37	622	86	17	608	390	397
number	22	42	827	104	20	731	435	444
Wheel tractors ---- ferms	11	26	399	65	7	372	251	186
number	14	31	633	108	(D)	483	359	272
Grain and bean combines, self-propelled only ---- ferms	-	-	57	10	1	170	80	81
number	-	-	57	18	(D)	176	82	98
Corn heads for combines ---- ferms	-	-	48	-	1	162	48	87
number	-	-	51	-	(D)	168	51	105
Cottonpickers and strippers ---- ferms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ---- farms	7	11	147	28	1	48	73	104
number	7	11	149	29	(D)	48	73	104
Pickup balers ---- ferms	8	8	100	42	3	27	38	87
number	8	8	101	50	3	28	39	90
Field forage hervesters, shear bar or flywheel ---- ferms	8	1	80	14	1	47	39	19
number	8	(D)	80	14	(D)	48	40	20

See footnotes et end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ---- farms, 1982	1 842	56	1 387	1 471	1 455	1 347	439	229
1978	1 969	54	1 386	1 563	1 615	1 362	463	227
$1,000, 1982	114 449	1 249	64 588	98 168	57 937	68 303	15 860	4 994
1978	90 626	1 216	46 097	75 655	41 610	48 812	9 432	4 250
Average per farm ---- dollars, 1982	62 133	22 305	46 566	66 735	39 819	50 707	36 128	21 806
1978	46 026	22 519	33 259	48 404	25 765	35 838	20 372	18 721
Farms by value group:								
$1 to $4,999 ---- 1982	48	13	85	39	137	76	30	32
1978	71	10	189	67	234	95	82	32
$5,000 to $9,999 ---- 1982	310	15	223	269	352	277	106	81
1978	334	19	321	322	438	330	121	81
$10,000 to $19,999 ---- 1982	245	7	209	242	214	250	102	28
1978	372	7	276	304	350	248	101	33
$20,000 to $29,999 ---- 1982	242	5	247	119	208	152	41	50
1978	215	7	199	137	208	190	80	45
$30,000 to $49,999 ---- 1982	312	8	147	176	147	175	84	15
1978	300	4	136	202	138	166	30	16
$50,000 to $69,999 ---- 1982	164	7	143	147	144	66	12	17
1978	209	5	94	145	94	122	17	9
$70,000 to $99,999 ---- 1982	181	-	112	116	125	121	18	-
1978	209	-	74	132	68	103	17	5
$100,000 to $199,999 ---- 1982	199	1	187	246	104	161	24	4
1978	210	1	58	206	63	79	14	6
$200,000 or more ---- 1982	141	-	34	117	24	69	22	2
1978	49	1	39	48	22	29	1	-
SELECTED MACHINERY AND EQUIPMENT								
Automobiles ---- farms, 1982	1 409	37	964	1 151	1 004	838	240	110
1978	1 614	37	958	1 235	1 023	1 081	310	167
number, 1982	1 938	44	1 412	1 703	1 335	1 256	338	124
1978	2 196	59	1 360	1 711	1 324	1 585	418	228
Motortrucks, including pickups ---- farms, 1982	1 517	34	1 213	1 280	1 212	1 092	410	164
1978	1 625	35	1 140	1 365	1 348	1 221	408	140
number, 1982	2 338	49	1 869	2 535	2 141	1 955	750	203
1978	2 261	48	1 663	2 490	2 711	2 002	719	197
Wheel tractors ---- farms, 1982	1 689	51	1 314	1 380	1 326	1 245	392	229
1978	1 879	50	1 336	1 503	1 531	1 280	392	212
number, 1982	5 093	104	3 610	4 181	3 415	3 635	790	542
1978	5 694	109	3 364	4 375	3 813	3 634	905	433
Grain and bean combines, self-propelled only ---- farms, 1982	825	15	676	875	273	519	100	14
1978	969	10	656	860	224	463	95	39
number, 1982	914	15	721	991	297	563	100	14
1978	1 031	10	696	916	247	507	95	40
Corn heads for combines ---- farms, 1982	374	5	344	547	229	404	56	3
1978	346	1	236	450	171	320	44	34
number, 1982	410	5	349	570	273	443	56	4
1978	360	(D)	242	462	204	338	44	34
Cottonpickers and strippers[1] ---- farms, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
Mower conditioners ---- farms, 1982	786	23	403	389	314	541	46	141
1978	947	24	359	501	320	582	43	82
number, 1982	860	(D)	422	396	330	565	46	141
1978	964	25	385	502	356	602	(D)	82
Pickup balers ---- farms, 1982	855	30	467	533	321	637	72	127
1978	1 095	29	438	563	369	690	68	103
number, 1982	926	35	480	544	371	701	82	130
1978	1 133	32	441	573	385	725	72	110
Field forage harvesters, shear bar or flywheel ---- farms, 1982	646	8	231	191	97	218	10	55
1978	713	13	210	265	120	189	15	65
number, 1982	796	9	266	211	113	278	19	62
1978	827	14	243	292	158	219	15	72
1982 Inventory								
Manufactured 1978 to 1982:								
Automobiles ---- farms	772	23	556	716	627	546	138	56
number	965	(D)	637	851	691	692	189	64
Motortrucks, including pickups ---- farms	679	12	485	574	647	551	183	35
number	802	(D)	528	665	782	678	236	35
Wheel tractors ---- farms	474	5	274	377	268	301	69	6
number	796	5	374	570	389	394	80	(D)
Grain and bean combines, self-propelled only ---- farms	129	-	88	160	26	94	14	1
number	132	-	89	164	27	95	14	(D)
Corn heads for combines ---- farms	103	-	23	183	38	92	14	1
number	104	-	23	187	39	94	14	(D)
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ---- farms	247	3	58	56	90	87	20	11
number	255	(D)	59	56	94	87	20	11
Pickup balers ---- farms	176	3	50	33	65	140	19	4
number	192	3	51	33	68	148	19	7
Field forage harvesters, shear bar or flywheel ---- farms	179	1	47	28	11	42	-	3
number	190	(D)	47	28	11	44	-	3

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Dete are based on a sample of farms. For meaning of abbrevietions end symbols, see introductory text]

All farma	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
SELECTED MACHINERY AND EQUIPMENT—Con.							
1982 Inventory—Con.							
Manufactured prior to 1978:							
Automobiles ---- farms	24 339	157	34	765	211	139	128
number	31 227	179	(D)	1 024	253	185	151
Motortrucks, including pickups ---- farms	35 837	174	51	1 106	268	169	218
number	54 468	(D)	(D)	1 715	310	248	392
Wheel tractors ---- farms	51 040	282	71	1 600	402	232	291
number	128 266	552	(D)	4 072	818	544	603
Grain and bean combines, self-propelled only ---- farms	16 207	29	10	336	86	26	139
number	17 513	29	11	353	89	26	157
Corn heads for combines ---- farms	9 499	8	4	251	15	13	53
number	10 404	8	5	284	(D)	13	114
Cottonpickers end strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	15 154	101	28	414	207	48	72
number	16 380	101	30	434	214	49	73
Pickup balers ---- farms	20 029	188	43	513	278	81	129
number	20 871	190	52	516	292	83	130
Field forage harvesters, shear bar or flywheel ---- farms	7 890	39	12	194	86	28	29
number	9 259	(D)	15	229	107	28	41

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
SELECTED MACHINERY AND EQUIPMENT—Con.							
1982 Inventory—Con.							
Manufactured prior to 1978:							
Automobiles ---- farms	27	508	431	83	772	491	505
number	42	639	506	113	998	654	678
Motortrucks, including pickups ---- farms	50	662	689	120	1 163	635	759
number	65	899	1 318	162	1 994	826	1 113
Wheel trectors ---- farms	69	882	918	160	1 497	966	1 135
number	(D)	2 143	2 562	327	4 215	2 444	2 737
Grain and bean combines, self-propelled only ---- farms	13	189	480	5	323	397	423
number	(D)	189	517	5	340	403	441
Corn heads for combines ---- farms	2	138	162	2	249	298	360
number	(D)	144	176	(D)	288	301	387
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	33	337	85	33	247	237	334
number	34	359	86	53	265	238	348
Pickup belers ---- farms	45	455	86	39	233	410	440
number	49	485	86	39	246	417	453
Field forage harvesters, shear bar or flywheel ---- farms	10	154	52	30	56	98	105
number	(D)	208	53	30	59	111	112

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
SELECTED MACHINERY AND EQUIPMENT—Con.							
1982 Inventory—Con.							
Manufactured prior to 1978:							
Automobiles ---- farms	409	126	90	162	112	661	7
number	502	148	105	172	131	895	(D)
Motortrucks, including pickups ---- farms	632	137	120	243	222	895	11
number	993	184	185	296	268	1 214	(D)
Wheel tractors ---- farms	863	197	174	347	297	1 364	16
number	2 131	489	370	768	684	3 393	(D)
Grain and bean combines, salf-propelled only ---- farms	176	11	46	137	62	542	2
number	208	11	(D)	149	82	570	(D)
Corn heads for combines ---- farms	156	9	8	7	39	339	-
number	187	9	(D)	(D)	39	409	-
Cottonpickers and strippers ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---- farms	185	49	73	145	131	398	4
number	196	49	73	167	137	406	(D)
Pickup balers ---- farms	309	103	98	225	171	468	6
number	315	107	104	241	173	471	6
Field forage harvesters, shear bar or flywheel ---- farms	101	27	34	52	98	233	2
number	109	28	39	(D)	111	274	(D)

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
SELECTED MACHINERY AND EQUIPMENT—Con.							
1982 Inventory—Con.							
Manufactured prior to 1978:							
Automobiles — farms	164	65	600	116	370	173	36
number	178	90	688	149	557	216	47
Motortrucks, including pickups — farms	223	87	886	168	609	214	45
number	327	183	1 239	262	972	284	63
Wheel tractors — farms	283	110	1 235	241	844	365	75
number	694	291	2 833	(D)	2 138	896	(D)
Grain and bean combines, self-propelled only — farms	76	20	406	57	368	113	7
number	86	20	431	57	405	121	7
Corn heads for combines — farms	11	5	337	7	203	28	1
number	11	5	351	(D)	223	35	(D)
Cottonpickers and strippers — farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners — farms	130	48	430	82	247	185	21
number	139	48	450	82	277	193	21
Pickup balers — farms	163	60	552	115	319	182	40
number	183	68	581	121	355	187	40
Field forage harvesters, shear bar or flywheel — farms	93	25	153	51	108	56	10
number	104	31	182	51	163	68	(D)

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobiles — farms	173	557	565	102	903	457	507	95
number	200	753	752	(D)	1 132	541	662	(D)
Motortrucks, including pickups — farms	266	830	792	140	1 012	685	644	124
number	394	1 560	1 140	211	1 766	1 035	901	143
Wheel tractors — farms	396	1 084	1 209	172	1 481	931	1 061	207
number	1 017	2 956	2 899	415	4 808	2 430	2 658	478
Grain and bean combines, self-propelled only — farms	27	503	449	10	947	262	279	59
number	28	617	497	10	1 020	276	310	60
Corn heads for combines — farms	14	239	386	-	380	235	224	16
number	15	242	446	-	388	265	268	16
Cottonpickers and strippers — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners — farms	136	263	337	47	486	321	396	125
number	137	265	337	47	488	324	407	127
Pickup balers — farms	136	270	484	121	624	399	521	115
number	144	276	521	125	658	435	571	122
Field forage harvesters, shear bar or flywheel — farms	66	128	210	31	369	156	222	41
number	67	188	214	(D)	421	167	250	47

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobiles — farms	33	449	448	447	41	546	1	59
number	(D)	592	600	574	45	707	(D)	73
Motortrucks, including pickups — farms	65	583	699	530	63	897	1	64
number	(D)	769	1 098	837	86	1 302	(D)	77
Wheel tractors — farms	87	886	998	788	82	1 284	3	105
number	204	2 118	2 446	1 777	208	3 284	(D)	222
Grain and bean combines, self-propelled only — farms	21	367	323	176	17	201	-	33
number	(D)	415	338	195	(D)	207	-	(D)
Corn heads for combines — farms	3	271	244	178	13	151	-	8
number	3	291	288	202	(D)	155	-	8
Cottonpickers and strippers — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners — farms	24	305	313	244	17	413	-	37
number	26	331	328	262	19	457	-	37
Pickup balers — farms	59	364	373	267	36	543	2	55
number	62	393	387	269	38	576	(D)	57
Field forage harvesters, shear bar or flywheel — farms	20	185	224	105	17	172	-	20
number	(D)	229	257	124	19	252	-	(D)

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luca	Mackinac	Macomb	Manistee
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobiles—farms	474	174	718	310	10	38	310	149
number	597	228	898	401	(D)	41	378	159
Motortrucks, including pickups—farms	796	290	1 106	494	16	57	509	172
number	1 183	501	1 683	703	40	71	712	235
Wheel tractors—farms	1 200	346	1 417	736	26	88	721	251
number	3 048	794	3 555	1 598	(D)	205	1 802	467
Grain and bean combines, self-propelled only—farms	270	28	614	94	7	34	246	5
number	273	28	664	98	8	(D)	268	(D)
Corn heads for combines—farms	232	7	476	72	1	2	80	3
number	234	8	522	76	(D)	(D)	83	3
Cottonpickers and strippers—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners—farms	440	56	299	307	6	35	198	53
number	479	57	392	351	6	36	198	53
Pickup balers—farms	583	113	410	340	10	63	260	68
number	600	113	410	369	11	72	273	(D)
Field forage harvesters, shear bar or flywheel—farms	294	70	91	122	3	26	119	13
number	338	71	112	144	(D)	31	128	13

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobiles—farms	44	243	292	185	213	157	627	491
number	(D)	319	418	231	258	166	948	621
Motortrucks, including pickups—farms	107	312	391	327	366	183	966	614
number	159	411	549	422	600	217	1 789	963
Wheel tractors—farms	118	415	585	421	460	286	1 320	1 000
number	(D)	1 018	1 508	1 115	1 074	805	3 218	2 464
Grain and bean combines, self-propelled only—farms	16	56	111	160	154	43	487	343
number	17	56	111	162	190	43	558	395
Corn heads for combines—farms	3	46	50	68	107	22	357	208
number	3	48	51	90	109	22	397	239
Cottonpickers and strippers—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners—farms	35	167	196	204	82	122	156	318
number	39	205	208	213	82	140	168	326
Pickup balers—farms	46	175	317	270	143	207	295	436
number	58	176	326	271	143	238	307	458
Field forage harvesters, shear bar or flywheel—farms	13	90	190	133	33	85	65	183
number	18	111	228	161	43	100	70	201

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobiles—farms	43	170	251	149	356	153	58	227
number	46	211	314	165	506	165	80	293
Motortrucks, including pickups—farms	59	231	397	340	498	166	102	307
number	80	326	550	503	718	198	(D)	351
Wheel tractors—farms	95	424	690	522	612	262	136	480
number	225	698	1 719	877	1 646	629	(D)	1 091
Grain and bean combines, self-propelled only—farms	28	50	96	47	62	118	32	98
number	30	51	98	48	62	(D)	36	105
Corn heads for combines—farms	6	15	61	27	42	35	-	31
number	(D)	16	62	35	72	(D)	-	31
Cottonpickers and strippers—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners—farms	47	138	238	171	157	161	78	227
number	51	150	245	178	178	161	80	227
Pickup balers—farms	56	178	356	200	157	161	106	292
number	60	184	358	200	158	187	116	302
Field forage harvesters, shear bar or flywheel—farms	14	82	107	67	87	48	10	84
number	14	84	119	73	97	64	10	91

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1982 and 1978—Con.

[Data ara based on a sampla of farms. For meaning of abbraviations and symbols, sae introductory text]

All farms	Oscoda	Otsego	Ottawa	Prasqua Isla	Roscommon	Saginaw	St. Clair	St. Joseph
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufacturad prior to 1978:								
Automobilas ---------- farms	35	49	703	167	11	805	494	346
number	43	65	912	197	(D)	1 040	606	526
Motortrucks, including pickups ---------- farms	53	98	906	228	25	1 218	777	598
number	63	140	1 308	323	34	2 171	1 133	847
Whaal tractors ---------- farms	71	128	1 342	293	30	1 579	1 141	845
number	177	343	3 533	800	61	4 619	2 764	1 998
Grain and bean combinas, salf-propellad only ---------- farms	11	24	160	107	2	903	476	311
number	11	24	160	111	(D)	963	552	323
Corn haads for combinas---------- farms	2	7	132	17	-	300	186	290
number	(D)	7	139	17	-	309	198	303
Cottonpickars and strippers---------- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mowar conditionars ---------- farms	35	58	332	117	7	290	402	154
number	36	63	353	124	(D)	292	809	157
Pickup balars ---------- farms	46	74	517	136	13	382	559	250
number	49	74	521	137	15	383	601	252
Fiald foraga harvastars, shaar bar or flywhaal ---------- farms	20	46	225	54	-	138	187	105
number	28	(D)	262	55	-	171	220	127

All farms	Sanilac	Schoolcraft	Shiawassaa	Tuscola	Van Buran	Washtanaw	Wayna	Waxford
SELECTED MACHINERY AND EQUIPMENT—Con.								
1982 Inventory—Con.								
Manufactured prior to 1978:								
Automobilas ---------- farms	773	18	598	654	535	389	140	55
number	973	(D)	775	852	644	564	149	60
Motortrucks, including pickups ---------- farms	1 128	25	897	1 026	847	759	356	137
number	1 536	(D)	1 341	1 870	1 359	1 277	514	168
Wheel tractors ---------- farms	1 632	50	1 241	1 325	1 291	1 184	359	228
number	4 297	99	3 236	3 611	3 026	3 241	710	(D)
Grain and bean combines, self-propelled only ---------- farms	717	15	603	732	248	427	86	13
number	782	15	632	827	270	468	86	(D)
Corn heads for combines---------- farms	278	5	321	374	192	312	42	3
number	306	5	326	383	234	349	42	(D)
Cottonpickers and strippers---------- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mowar conditioners ---------- farms	553	20	352	334	224	461	26	130
number	605	20	363	340	236	478	26	130
Pickup balers ---------- farms	726	28	429	503	292	526	63	123
number	734	32	429	511	303	553	63	123
Field foraga harvesters, shear bar or flywheel ---------- farms	492	7	188	165	87	183	10	52
number	606	(D)	219	183	102	234	19	59

[1]Data for 1978 exclude cotton strippers.

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Hired farm labor—farms, 1982	21 564	110	37	768	183	113	109
1978	22 285	117	39	786	131	108	123
workers, 1982	130 062	313	136	5 558	782	844	843
1978	140 899	316	165	7 249	607	972	619
$1,000 payroll, 1982	186 312	273	117	10 272	663	1 028	824
1978	136 868	121	112	6 250	292	937	649
1982 farms with—							
1 worker—farms	6 364	31	5	186	62	8	12
workers	6 364	31	5	186	62	8	12
2 workers—farms	4 318	43	11	116	35	10	46
workers	8 636	86	22	232	70	20	92
3 or 4 workers—farms	4 627	7	9	157	31	34	10
workers	15 661	22	31	539	115	122	35
5 to 9 workers—farms	3 321	28	11	151	43	29	12
workers	20 836	(D)	(D)	924	230	163	70
10 workers or more—farms	2 934	1	1	158	12	32	29
workers	78 565	(D)	(D)	3 677	305	531	634
1978 farms with—							
1 worker—farms	6 371	48	10	166	57	12	30
workers	6 371	48	10	166	57	12	30
2 workers—farms	4 177	20	5	124	38	21	18
workers	8 354	40	10	248	76	42	36
3 or 4 workers—farms	4 978	28	11	174	17	20	26
workers	16 792	96	42	594	58	63	91
5 to 9 workers—farms	3 866	21	10	137	8	27	30
workers	24 597	132	62	853	52	172	199
10 workers or more—farms	2 893	-	3	185	11	28	19
workers	84 785	-	41	5 388	364	683	263
Workers by days worked:							
150 days or more—farms, 1982	7 447	20	14	291	38	37	48
1978	6 967	12	8	276	16	39	32
workers, 1982	20 255	34	23	1 055	81	97	103
1978	18 391	22	18	912	43	94	102
1982 farms with—							
1 worker—farms	3 593	14	9	87	13	14	21
workers	3 593	14	9	87	13	14	21
2 workers—farms	1 767	2	3	97	14	12	16
workers	3 534	(D)	(D)	194	28	24	32
3 or 4 workers—farms	1 341	3	2	65	9	4	8
workers	4 501	10	(D)	226	(D)	14	27
5 to 9 workers—farms	556	1	-	34	2	7	2
workers	3 345	(D)	-	200	(D)	45	(D)
10 workers or more—farms	190	-	-	8	-	-	1
workers	5 282	-	-	348	-	-	(D)
1978 farms with—							
1 worker—farms	3 338	8	4	114	1	16	4
workers	3 338	8	4	114	(D)	16	4
2 workers—farms	1 730	1	3	74	8	11	9
workers	3 460	(D)	(D)	148	16	22	18
3 or 4 workers—farms	1 259	2	-	63	5	6	11
workers	4 203	(D)	-	206	16	20	36
5 to 9 workers—farms	469	1	1	22	2	6	8
workers	2 849	(D)	(D)	128	(D)	36	44
10 workers or more—farms	171	-	-	3	-	-	-
workers	4 541	-	-	316	-	-	-
Less than 150 days—farms, 1982	18 707	102	32	672	166	107	92
1978	19 512	110	37	692	122	98	108
workers, 1982	109 807	279	113	4 503	701	747	740
1978	122 508	294	147	6 337	564	878	517
1982 farms with—							
1 worker—farms	5 886	26	6	178	66	13	20
workers	5 886	26	6	178	66	13	20
2 to 4 workers—farms	7 631	57	16	247	50	39	41
workers	20 409	136	44	694	140	130	98
5 to 9 workers—farms	2 614	18	9	101	38	24	4
workers	16 376	(D)	(D)	620	190	124	26
10 to 19 workers—farms	1 492	1	1	103	4	23	15
workers	18 726	(D)	(D)	1 309	50	251	202
20 workers or more—farms	1 084	-	-	43	8	8	12
workers	48 410	-	-	1 702	255	229	394
1978 farms with—							
1 worker—farms	5 738	43	10	147	57	7	32
workers	5 738	43	10	147	57	7	32
2 to 4 workers—farms	7 914	50	14	245	49	39	34
workers	21 540	142	44	678	122	98	100
5 to 9 workers—farms	3 263	17	10	126	8	26	25
workers	20 675	109	61	756	(D)	158	162
10 to 19 workers—farms	1 300	-	3	86	2	11	15
workers	16 506	-	32	1 090	(D)	135	(D)
20 workers or more—farms	1 297	-	-	88	6	15	2
workers	58 049	-	-	3 666	300	480	(D)

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Hired farm labor—farms, 1982	29	370	441	75	902	344	452
1978	31	339	554	79	1 048	371	417
workers, 1982	111	1 828	3 126	591	13 247	910	2 173
1978	99	1 550	2 658	765	16 458	1 050	1 614
$1,000 payroll, 1982	75	1 862	2 544	504	12 259	1 945	3 811
1978	55	1 161	1 817	647	11 224	1 376	2 282
1982 farms with—							
1 worker—farms	7	97	78	18	188	174	127
workers	7	97	78	18	188	174	127
2 workers—farms	8	96	80	12	97	44	58
workers	16	192	160	24	194	88	116
3 or 4 workers—farms	8	94	77	8	175	86	150
workers	(D)	308	254	31	621	269	522
5 to 9 workers—farms	2	44	74	12	136	27	86
workers	(D)	282	523	75	871	154	511
10 workers or more—farms	4	39	132	25	306	13	31
workers	52	949	2 111	443	11 373	225	897
1978 farms with—							
1 worker—farms	9	67	130	18	168	167	136
workers	9	67	130	(D)	168	167	136
2 workers—farms	5	75	120	2	102	72	83
workers	10	150	240	(D)	204	144	166
3 or 4 workers—farms	10	114	114	31	173	74	111
workers	34	399	365	100	589	231	364
5 to 9 workers—farms	6	53	121	11	188	50	65
workers	(D)	344	781	74	1 243	304	425
10 workers or more—farms	1	30	69	17	417	8	22
workers	(D)	590	1 142	569	14 254	204	523
Workers by days worked:							
150 days or more—farms, 1982	6	86	75	31	306	112	154
1978	5	94	145	23	341	100	124
workers, 1982	14	210	242	48	1 105	223	392
1978	16	206	290	46	991	197	338
1982 farms with—							
1 worker—farms	3	27	41	20	118	68	98
workers	3	27	41	20	118	68	98
2 workers—farms	1	31	18	5	85	17	24
workers	(D)	62	36	10	170	34	48
3 or 4 workers—farms	1	21	9	6	43	16	19
workers	(D)	69	30	18	159	54	63
5 to 9 workers—farms	1	6	4	–	40	10	8
workers	(D)	(D)	23	–	258	(D)	57
10 workers or more—farms	–	1	3	–	20	1	5
workers	–	(D)	112	–	400	(D)	126
1978 farms with—							
1 worker—farms	1	45	69	13	141	50	64
workers	(D)	45	69	13	141	50	64
2 workers—farms	2	17	56	4	59	35	28
workers	(D)	34	112	8	118	70	56
3 or 4 workers—farms	1	26	11	4	87	8	21
workers	(D)	89	36	(D)	288	26	69
5 to 9 workers—farms	1	5	9	2	46	5	6
workers	(D)	(D)	73	(D)	287	(D)	38
10 workers or more—farms	–	1	–	–	8	2	5
workers	–	(D)	–	–	157	(D)	111
Less than 150 days—farms, 1982	28	336	414	65	863	285	428
1978	27	305	496	73	994	301	356
workers, 1982	97	1 618	2 884	543	12 142	687	1 781
1978	83	1 344	2 368	719	15 467	853	1 276
1982 farms with—							
1 worker—farms	7	109	69	11	175	140	142
workers	7	109	69	11	175	140	142
2 to 4 workers—farms	16	153	143	18	272	122	206
workers	42	382	364	51	813	313	626
5 to 9 workers—farms	3	37	73	11	121	14	55
workers	(D)	215	517	69	748	80	312
10 to 19 workers—farms	1	3	101	19	136	5	5
workers	(D)	36	1 171	215	1 788	60	66
20 workers or more—farms	1	34	28	6	159	4	20
workers	(D)	876	763	197	8 618	94	635
1978 farms with—							
1 worker—farms	8	74	133	15	145	137	118
workers	8	74	133	15	145	137	118
2 to 4 workers—farms	13	162	177	34	275	118	173
workers	40	458	470	108	752	320	485
5 to 9 workers—farms	6	41	125	7	160	40	48
workers	35	264	785	46	1 048	240	314
10 to 19 workers—farms	–	14	44	11	150	3	15
workers	–	144	508	140	1 826	37	(D)
20 workers or more—farms	–	14	17	6	264	3	2
workers	–	404	472	410	11 696	119	(D)

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are besed on a sample of farms. For maaning of abbraviations and symbols, see introductory text]

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Hired farm labor—farms, 1982	367	90	64	143	93	604	4
1978	362	60	76	129	109	424	2
workers, 1982	2 126	518	321	669	305	2 120	5
1978	2 014	248	197	408	288	1 181	(D)
$1,000 payroll, 1982	2 551	249	322	601	564	2 904	2
1978	2 138	383	212	206	414	1 514	(D)
1982 farms with—							
1 worker—farms	147	25	4	36	48	200	3
workers	147	25	4	36	48	200	(D)
2 workers—farms	64	35	23	20	3	188	1
workers	128	70	46	40	6	376	(D)
3 or 4 workers—farms	80	19	7	30	26	101	-
workers	294	71	24	95	96	337	-
5 to 9 workers—farms	45	-	25	29	8	70	-
workers	296	-	177	158	48	410	-
10 workers or more—farms	31	11	5	28	8	45	-
workers	1 261	352	70	340	107	797	-
1978 ferms with—							
1 worker—farms	110	18	34	69	43	153	1
workers	110	18	34	69	43	153	(D)
2 workers—farms	76	7	18	15	22	113	-
workers	152	14	36	30	44	226	-
3 or 4 workers—farms	72	16	16	28	27	78	1
workers	236	60	57	91	88	261	(D)
5 to 9 workers—farms	72	17	6	9	14	76	-
workers	449	(D)	(D)	58	75	449	-
10 workers or more—farms	32	2	2	8	3	4	-
workers	1 067	(D)	(D)	160	38	92	-
Workers by days worked:							
150 days or more—farms, 1982	120	48	20	42	27	200	1
1978	109	16	13	31	20	113	1
workers, 1982	278	84	35	96	67	450	(D)
1978	295	24	24	46	50	233	(D)
1982 farms with—							
1 worker—farms	74	18	12	7	13	97	1
workers	74	18	12	7	13	97	(D)
2 workers—farms	16	24	4	23	3	53	-
workers	32	48	8	46	6	106	-
3 or 4 workers—farms	21	6	3	12	8	35	-
workers	71	18	(D)	43	29	122	-
5 to 9 workers—farms	6	-	1	-	3	13	-
workers	36	-	(D)	-	19	(D)	-
10 workers or mora—farms	3	-	-	-	-	2	-
workers	65	-	-	-	-	(D)	-
1978 farms with—							
1 worker—farms	56	11	8	29	6	55	1
workers	56	11	8	(D)	6	55	(D)
2 workers—ferms	25	3	2	-	7	30	-
workers	50	(D)	(D)	-	14	60	-
3 or 4 workers—farms	21	2	2	1	5	16	-
workers	73	(D)	(D)	(D)	(D)	53	-
5 to 9 workers—ferms	4	-	1	-	2	12	-
workers	21	-	(D)	-	(D)	65	-
10 workers or more—ferms	3	-	-	1	-	-	-
workers	95	-	-	(D)	-	-	-
Less than 150 days—farms, 1982	313	55	59	138	82	507	3
1978	314	48	71	111	101	365	1
workers, 1982	1 848	434	286	573	238	1 670	(D)
1978	1 719	224	173	362	238	948	(D)
1982 farms with—							
1 worker—farms	122	15	10	40	41	206	2
workers	122	15	10	40	41	206	(D)
2 to 4 workers—farms	130	29	20	61	32	213	1
workers	369	77	43	158	98	530	(D)
5 to 9 workers—farms	35	-	24	9	2	58	-
workers	225	-	163	47	(D)	348	-
10 to 19 workers—ferms	16	6	5	28	6	6	-
workers	242	67	70	328	67	70	-
20 workers or more—farms	10	5	-	-	1	24	-
workers	890	275	-	-	(D)	516	-
1978 farms with—							
1 worker—farms	98	9	33	56	41	124	-
workers	98	9	33	56	41	124	-
2 to 4 workers—farms	121	21	31	39	48	187	1
workers	305	69	78	108	122	453	(D)
5 to 9 workers—ferms	69	16	5	9	11	52	-
workers	429	(D)	(D)	(D)	(D)	(D)	-
10 to 19 workers—farms	9	1	2	1	1	1	-
workers	120	(D)	(D)	(D)	(D)	(D)	-
20 workers or more—farms	17	1	-	6	-	1	-
workers	767	(D)	-	131	-	(D)	-

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Date are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Delte	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Hired farm labor—farms, 1982	133	64	425	82	330	129	23
1978	144	57	461	46	312	167	28
workers, 1982	436	275	1 142	192	1 180	328	59
1978	540	539	1 568	142	1 344	431	98
$1,000 payroll, 1982	442	420	1 708	224	1 989	398	77
1978	588	317	1 025	175	1 053	232	112
1982 farms with—							
1 worker—farms	57	10	147	24	119	60	8
workers	57	10	147	24	119	60	8
2 workers—farms	7	12	92	25	56	17	4
workers	14	24	184	50	112	34	8
3 or 4 workers—farms	54	20	142	25	80	39	9
workers	185	66	446	78	253	125	(D)
5 to 9 workers—farms	6	17	30	8	53	11	2
workers	45	111	176	40	288	(D)	(D)
10 workers or more—farms	9	5	14	-	22	2	-
workers	135	64	189	-	408	(D)	-
1978 farms with—							
1 worker—farms	26	9	144	26	91	84	5
workers	26	9	144	26	91	84	5
2 workers—farms	43	11	118	1	68	19	9
workers	86	22	236	(D)	136	38	18
3 or 4 workers—farms	25	3	132	14	65	28	6
workers	92	9	439	42	208	93	21
5 to 9 workers—farms	47	12	41	2	51	36	6
workers	280	77	251	(D)	289	216	(D)
10 workers or more—farms	3	22	26	3	37	-	2
workers	56	422	498	57	620	-	(D)
Workers by days worked:							
150 days or more—farms, 1982	44	30	122	13	139	20	6
1978	62	20	97	13	73	24	5
workers, 1982	81	77	245	20	301	44	10
1978	123	53	241	46	144	30	17
1982 farms with—							
1 worker—farms	22	9	75	7	85	10	5
workers	22	9	75	7	85	(D)	(D)
2 workers—farms	10	9	20	5	20	1	-
workers	20	18	40	(D)	40	(D)	-
3 or 4 workers—farms	11	11	22	1	22	8	-
workers	(D)	(D)	70	(D)	69	26	-
5 to 9 workers—farms	1	-	4	-	9	1	1
workers	(D)	-	(D)	-	55	(D)	(D)
10 workers or more—farms	-	1	1	-	3	-	-
workers	-	(D)	(D)	-	52	-	-
1978 farms with—							
1 worker—farms	27	5	51	9	40	19	2
workers	27	5	51	9	40	19	(D)
2 workers—farms	17	6	19	1	16	4	1
workers	34	12	38	(D)	32	(D)	(D)
3 or 4 workers—farms	15	7	9	1	11	1	1
workers	45	(D)	29	(D)	36	(D)	(D)
5 to 9 workers—farms	3	2	18	-	6	-	-
workers	17	(D)	123	-	36	-	-
10 workers or more—farms	-	-	-	2	-	-	1
workers	-	-	-	(D)	-	-	(D)
Less than 150 days—farms, 1982	116	58	389	80	282	121	23
1978	133	51	408	36	277	153	28
workers, 1982	355	198	897	172	879	284	49
1978	417	486	1 327	96	1 200	401	81
1982 farms with—							
1 worker—farms	51	21	172	27	105	55	8
workers	51	21	172	27	105	55	8
2 to 4 workers—farms	51	22	188	45	131	61	14
workers	162	69	500	105	331	175	(D)
5 to 9 workers—farms	6	11	17	8	30	3	1
workers	36	64	92	40	163	(D)	(D)
10 to 19 workers—farms	8	4	12	-	12	1	-
workers	106	44	133	-	131	(D)	-
20 workers or more—farms	-	-	-	-	4	1	-
workers	-	-	-	-	149	(D)	-
1978 farms with—							
1 worker—farms	33	7	127	18	82	77	6
workers	33	7	127	18	82	77	6
2 to 4 workers—farms	66	12	223	14	113	40	16
workers	172	27	595	40	284	108	41
5 to 9 workers—farms	31	13	34	2	47	36	6
workers	166	83	218	(D)	260	216	34
10 to 19 workers—farms	3	12	19	2	32	-	-
workers	46	162	263	(D)	358	-	-
20 workers or more—farms	-	7	5	-	3	-	-
workers	-	207	124	-	216	-	-

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Hired farm labor—farms, 1982	204	391	461	75	679	371	470	84
1978	279	424	458	66	664	417	453	86
workers, 1982	1 385	1 587	1 333	590	3 293	1 563	1 912	231
1978	2 444	1 867	1 450	315	2 489	1 874	2 344	264
$1,000 payroll, 1982	1 607	2 225	2 119	142	5 402	3 254	3 905	618
1978	2 209	1 639	1 464	205	2 711	2 715	2 616	256
1982 farms with—								
1 worker—farms	57	149	188	12	215	142	117	19
workers	57	149	188	12	215	142	117	19
2 workers—farms	23	70	71	7	87	78	148	35
workers	46	140	142	14	174	158	296	70
3 or 4 workers—farms	24	77	144	21	197	63	108	25
workers	88	259	483	79	700	219	356	82
5 to 9 workers—farms	52	63	50	7	80	65	56	-
workers	314	378	326	45	495	409	375	-
10 workers or more—farms	48	32	8	28	100	23	41	5
workers	880	661	194	440	1 709	637	768	60
1978 farms with—								
1 worker—farms	35	135	204	5	224	115	170	25
workers	35	135	204	5	224	115	170	25
2 workers—farms	22	50	101	24	145	108	64	18
workers	44	100	202	48	290	216	128	36
3 or 4 workers—farms	101	109	84	11	136	93	99	26
workers	325	372	265	33	461	303	326	84
5 to 9 workers—farms	46	109	54	16	117	74	67	15
workers	288	671	331	104	716	463	397	(D)
10 workers or more—farms	75	21	15	10	42	27	53	2
workers	1 752	589	448	125	798	777	1 323	(D)
Workers by days worked:								
150 days or more—farms, 1982	91	136	150	24	297	131	181	21
1978	79	142	104	24	215	146	124	11
workers, 1982	148	281	320	26	733	358	451	63
1978	213	276	240	46	485	449	289	41
1982 farms with—								
1 worker—farms	60	83	83	22	119	68	81	9
workers	60	83	83	(D)	119	68	81	9
2 workers—farms	20	16	23	2	60	27	49	8
workers	40	32	46	(D)	120	54	98	16
3 or 4 workers—farms	5	33	32	-	93	21	26	-
workers	15	113	100	-	312	70	84	-
5 to 9 workers—farms	6	3	10	-	24	9	24	2
workers	33	(D)	(D)	-	(D)	52	(D)	(D)
10 workers or more—farms	-	1	2	-	1	6	1	2
workers	-	(D)	(D)	-	(D)	114	(D)	(D)
1978 farms with—								
1 worker—farms	33	89	60	12	108	67	48	4
workers	33	89	60	12	108	67	48	4
2 workers—farms	22	33	20	7	56	46	46	3
workers	44	66	40	14	112	92	92	6
3 or 4 workers—farms	12	15	11	5	35	19	21	1
workers	43	(D)	38	20	119	62	67	(D)
5 to 9 workers—farms	6	2	9	-	12	9	7	2
workers	33	(D)	49	-	75	64	(D)	(D)
10 workers or more—farms	6	3	4	-	4	5	2	1
workers	60	55	53	-	71	164	(D)	(D)
Less than 150 days—farms, 1982	182	319	383	74	557	316	388	81
1978	267	371	410	65	537	358	402	82
workers, 1982	1 237	1 306	1 013	564	2 560	1 205	1 461	168
1978	2 231	1 591	1 210	269	2 004	1 425	2 055	223
1982 farms with—								
1 worker—farms	47	112	173	12	203	124	119	27
workers	47	112	173	12	203	124	119	27
2 to 4 workers—farms	52	127	170	27	215	133	199	51
workers	165	330	492	90	584	349	507	121
5 to 9 workers—farms	41	49	35	8	56	42	36	3
workers	247	276	223	46	341	251	241	20
10 to 19 workers—farms	32	25	3	20	58	12	23	-
workers	408	346	(D)	276	765	124	244	-
20 workers or more—farms	10	6	2	7	25	5	11	-
workers	370	242	(D)	140	667	357	350	-
1978 farms with—								
1 worker—farms	29	104	196	12	191	109	161	24
workers	29	104	196	12	191	109	161	24
2 to 4 workers—farms	135	162	165	37	214	166	141	44
workers	398	457	423	100	578	416	376	122
5 to 9 workers—farms	42	87	39	6	94	61	49	14
workers	281	518	249	32	556	390	278	77
10 to 19 workers—farms	23	9	6	10	25	14	28	-
workers	305	121	66	125	320	193	356	-
20 workers or more—farms	38	9	4	-	13	8	23	-
workers	1 218	391	276	-	359	317	884	-

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Hired farm labor—farms, 1982	39	329	338	401	20	721	-	45
1978	33	475	360	428	29	655	-	37
workers, 1982	177	1 599	1 201	2 655	78	5 892	-	137
1978	165	1 530	1 590	2 139	112	7 758	-	107
$1,000 payroll, 1982	278	1 884	2 777	4 626	229	10 072	-	54
1978	201	1 758	2 536	3 666	132	7 769	-	57
1982 farms with—								
1 worker—farms	11	94	113	98	5	155	-	6
workers	11	94	113	98	5	155	-	6
2 workers—farms	7	71	69	39	3	198	-	13
workers	14	142	138	78	6	396	-	26
3 or 4 workers—farms	7	73	91	139	6	99	-	19
workers	23	252	309	474	19	318	-	67
5 to 9 workers—farms	9	53	53	65	4	103	-	7
workers	55	331	314	440	(D)	701	-	38
10 workers or more—farms	5	38	12	60	2	166	-	-
workers	74	780	327	1 565	(D)	4 322	-	-
1978 farms with—								
1 worker—farms	6	178	101	123	8	170	-	10
workers	6	178	101	123	8	170	-	10
2 workers—farms	11	94	109	80	5	88	-	9
workers	22	188	218	160	10	176	-	18
3 or 4 workers—farms	5	142	56	84	6	102	-	14
workers	16	484	190	297	18	348	-	51
5 to 9 workers—farms	7	42	59	76	8	118	-	4
workers	46	259	418	480	(D)	744	-	28
10 workers or more—farms	4	19	35	65	2	177	-	-
workers	75	421	663	1 079	(D)	6 320	-	-
Workers by days worked:								
150 days or more—farms, 1982	9	112	128	155	7	269	-	3
1978	8	135	164	145	7	252	-	10
workers, 1982	24	264	374	413	16	866	-	5
1978	27	274	338	416	17	1 057	-	16
1982 farms with—								
1 worker—farms	4	41	47	63	2	124	-	2
workers	(D)	41	47	63	(D)	124	-	(D)
2 workers—farms	2	40	43	35	3	58	-	-
workers	(D)	80	86	70	6	116	-	-
3 or 4 workers—farms	-	27	21	42	1	36	-	1
workers	-	97	68	138	(D)	125	-	(D)
5 to 9 workers—farms	3	2	11	13	1	38	-	-
workers	16	(D)	61	(D)	(D)	234	-	-
10 workers or more—farms	-	2	6	2	-	13	-	-
workers	-	(D)	112	(D)	-	267	-	-
1978 farms with—								
1 worker—farms	1	73	102	66	1	74	-	5
workers	(D)	73	102	66	(D)	74	-	5
2 workers—farms	2	35	37	26	3	71	-	4
workers	(D)	70	74	52	(D)	142	-	(D)
3 or 4 workers—farms	3	20	13	31	3	69	-	1
workers	11	62	43	101	10	243	-	(D)
5 to 9 workers—farms	2	5	8	20	-	25	-	-
workers	(D)	(D)	51	(D)	-	145	-	-
10 workers or more—farms	-	2	4	2	-	13	-	-
workers	-	(D)	68	(D)	-	453	-	-
Less than 150 days—farms, 1982	36	285	283	349	16	645	-	45
1978	31	394	294	383	29	597	-	33
workers, 1982	153	1 335	827	2 242	62	5 026	-	132
1978	138	1 256	1 252	1 723	95	6 701	-	91
1982 farms with—								
1 worker—farms	8	95	108	84	3	167	-	8
workers	8	95	108	84	3	167	-	8
2 to 4 workers—farms	14	110	131	158	8	244	-	31
workers	36	284	358	478	23	589	-	91
5 to 9 workers—farms	11	46	38	52	4	86	-	6
workers	66	287	(D)	332	(D)	589	-	33
10 to 19 workers—farms	2	29	2	32	1	74	-	-
workers	(D)	334	(D)	380	(D)	908	-	-
20 workers or more—farms	1	5	4	23	-	74	-	-
workers	(D)	335	143	968	-	2 773	-	-
1978 farms with—								
1 worker—farms	6	147	81	137	9	169	-	13
workers	6	147	81	137	9	169	-	13
2 to 4 workers—farms	16	204	133	133	13	174	-	16
workers	39	590	324	383	33	466	-	50
5 to 9 workers—farms	6	25	57	61	6	91	-	4
workers	40	153	406	405	(D)	572	-	28
10 to 19 workers—farms	2	13	18	44	1	87	-	-
workers	(D)	216	225	526	(D)	1 165	-	-
20 workers or more—farms	1	5	5	8	-	76	-	-
workers	(D)	150	216	272	-	4 329	-	-

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Deta are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Hired farm labor—farms, 1982	417	214	538	278	9	31	317	138
1978	559	218	543	259	16	33	390	141
workers, 1982	2 387	1 973	2 293	1 361	29	103	2 044	2 057
1978	2 574	2 494	1 848	997	60	130	1 839	1 915
$1,000 peyroll, 1982	5 060	2 849	3 831	2 825	15	158	3 703	1 575
1978	4 762	2 393	2 532	1 203	62	110	3 396	1 254
1982 farms with—								
1 worker—farms	88	41	231	89	4	7	93	35
workers	88	41	231	89	4	7	93	35
2 workers—farms	121	37	99	64	2	8	75	23
workers	242	74	198	128	(D)	16	150	46
3 or 4 workers—farms	116	23	79	62	1	8	51	16
workers	407	79	267	200	(D)	25	177	58
5 to 9 workers—farms	61	55	63	50	1	7	42	13
workers	400	359	385	286	(D)	(D)	260	89
10 workers or more—farms	31	58	66	13	1	1	56	51
workers	1 250	1 420	1 212	658	(D)	(D)	1 364	1 829
1978 farms with—								
1 worker—farms	174	36	187	60	3	9	123	37
workers	174	36	187	60	3	9	123	37
2 workers—farms	121	22	89	68	2	5	78	8
workers	242	44	178	136	(D)	10	156	16
3 or 4 workers—farms	136	28	171	60	7	11	67	28
workers	462	99	549	211	24	34	226	94
5 to 9 workers—farms	109	60	60	63	3	6	89	25
workers	721	409	394	404	19	(D)	530	152
10 workers or more—farms	19	72	36	8	1	2	33	43
workers	975	1 906	540	186	(D)	(D)	804	1 616
Workars by days worked:								
150 days or more—farms, 1982	183	68	197	94	2	12	134	37
1978	203	93	159	81	6	11	146	42
workers, 1982	521	181	369	313	(D)	25	429	147
1978	683	251	315	186	9	20	475	109
1982 farms with—								
1 worker—farms	89	29	120	49	1	4	63	2
workers	89	29	120	49	(D)	4	63	(D)
2 workers—farms	59	14	38	15	1	5	36	26
workers	118	28	76	30	(D)	10	72	52
3 or 4 workers—farms	24	21	26	16	-	2	17	1
workers	76	76	85	52	-	(D)	55	(D)
5 to 9 workers—farms	3	3	11	13	-	1	10	6
workers	18	(D)	(D)	(D)	-	(D)	61	37
10 workers or more—farms	8	1	2	1	-	-	8	2
workers	220	(D)	(D)	(D)	-	-	178	(D)
1978 farms with—								
1 worker—farms	113	29	76	41	3	6	73	22
workers	113	29	76	41	3	6	73	22
2 workers—farms	33	37	34	12	3	4	14	12
workers	66	74	68	24	6	(D)	28	24
3 or 4 workers—farms	33	20	44	23	-	-	38	3
workers	108	(D)	139	77	-	-	127	10
5 to 9 workers—farms	18	2	5	3	-	1	12	3
workers	102	(D)	32	(D)	-	(D)	72	(D)
10 workers or more—farms	6	5	-	2	-	-	9	2
workers	294	66	-	(D)	-	-	175	(D)
Less than 150 days—farms, 1982	351	205	428	239	9	25	259	138
1978	456	199	489	227	15	30	338	125
workers, 1982	1 866	1 792	1 924	1 048	(D)	78	1 615	1 910
1978	1 891	2 243	1 533	811	51	110	1 364	1 806
1982 farms with—								
1 worker—farms	95	36	167	82	5	7	76	35
workers	95	36	167	82	5	7	76	35
2 to 4 workers—farms	174	71	158	126	2	12	104	41
workers	428	197	408	335	(D)	31	274	110
5 to 9 workers—farms	52	41	53	20	1	5	45	12
workers	346	234	357	114	(D)	(D)	326	63
10 to 19 workers—farms	11	42	32	8	1	1	25	18
workers	112	476	400	82	(D)	(D)	305	248
20 workers or more—farms	19	15	18	3	-	-	9	32
workers	885	849	592	435	-	-	634	1 454
1978 ferms with—								
1 worker—farms	161	28	177	69	4	11	104	21
workers	161	28	177	69	4	11	104	21
2 to 4 workers—farms	199	53	238	94	7	13	153	36
workers	552	163	650	246	19	36	388	105
5 to 9 workers—ferms	80	49	53	60	3	4	56	26
workers	536	313	351	377	(D)	(D)	333	149
10 to 19 workers—farms	8	33	14	2	1	1	8	30
workers	88	409	182	(D)	(D)	(D)	105	404
20 workers or more—ferms	8	36	7	2	-	1	17	12
workers	554	1 330	173	(D)	-	(D)	434	1 127

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Hired farm labor—farms, 1982	33	216	209	174	188	161	392	385
1978	32	182	187	196	153	170	447	398
workers, 1982	123	1 744	861	539	881	372	1 683	2 031
1978	169	1 611	741	710	533	605	2 293	1 559
$1,000 payroll, 1982	126	1 546	1 096	1 209	516	1 263	4 119	3 492
1978	145	1 114	859	784	331	657	2 629	2 268
1982 farms with—								
1 worker—farms	3	14	84	50	63	78	159	114
workers	(D)	14	84	50	63	78	159	114
2 workers—farms	15	53	73	53	35	36	75	56
workers	30	106	146	106	70	72	150	112
3 or 4 workers—farms	6	55	29	39	31	28	114	92
workers	23	195	89	121	102	91	393	292
5 to 9 workers—farms	8	50	8	26	40	15	22	67
workers	(D)	366	49	175	254	87	149	396
10 workers or more—farms	1	44	15	6	19	4	22	56
workers	(D)	1 063	493	87	392	44	832	1 117
1978 farms with—								
1 worker—farms	3	44	76	39	64	39	134	121
workers	3	44	76	39	64	39	134	121
2 workers—farms	6	16	48	45	20	30	96	75
workers	12	32	96	90	40	60	192	150
3 or 4 workers—farms	5	51	22	73	29	48	114	102
workers	17	184	73	252	108	160	372	343
5 to 9 workers—farms	14	30	17	35	34	48	53	75
workers	81	197	97	238	204	275	320	452
10 workers or more—farms	4	41	24	4	6	5	50	25
workers	56	1 154	399	91	117	71	1 275	493
Workers by days worked:								
150 days or more—farms, 1982	9	43	63	99	34	74	160	152
1978	10	63	55	83	27	84	124	140
workers, 1982	22	127	116	211	69	129	444	396
1978	25	95	144	165	45	176	410	340
1982 farms with—								
1 worker—farms	3	18	38	47	13	38	86	77
workers	(D)	18	38	47	13	38	86	77
2 workers—farms	1	9	17	32	15	20	30	29
workers	(D)	18	34	64	30	40	60	58
3 or 4 workers—farms	5	8	5	8	4	15	34	27
workers	17	27	19	28	(D)	(D)	121	91
5 to 9 workers—farms	-	5	2	11	2	1	3	16
workers	-	28	(D)	(D)	(D)	(D)	20	104
10 workers or more—farms	-	3	1	1	-	-	7	3
workers	-	36	(D)	(D)	-	-	157	66
1978 farms with—								
1 worker—farms	4	43	25	27	13	32	46	68
workers	4	43	25	27	13	32	46	68
2 workers—farms	3	11	14	45	10	27	39	36
workers	6	22	28	90	20	54	78	72
3 or 4 workers—farms	1	8	14	7	4	22	20	27
workers	(D)	(D)	(D)	23	12	74	66	94
5 to 9 workers—farms	2	1	-	4	-	3	13	7
workers	(D)	(D)	-	25	-	16	72	(D)
10 workers or more—farms	-	-	2	-	-	-	6	2
workers	-	-	(D)	-	-	-	148	(D)
Less than 150 days—farms, 1982	30	197	176	130	165	119	330	319
1978	28	161	160	163	143	129	392	362
workers, 1982	101	1 617	745	328	812	243	1 239	1 635
1978	144	1 516	597	545	488	429	1 883	1 219
1982 farms with—								
1 worker—farms	4	3	84	60	53	58	150	94
workers	4	3	84	60	53	58	150	94
2 to 4 workers—farms	19	106	76	54	56	53	148	125
workers	52	289	(D)	153	154	123	367	343
5 to 9 workers—farms	7	47	1	15	41	6	12	51
workers	45	349	(D)	(D)	269	(D)	84	294
10 to 19 workers—farms	-	24	10	1	13	2	8	35
workers	-	330	133	(D)	(D)	(D)	102	431
20 workers or more—farms	-	17	5	-	2	-	12	14
workers	-	646	341	-	(D)	-	536	473
1978 farms with—								
1 worker—farms	1	33	74	35	65	24	127	119
workers	(D)	33	74	35	65	24	127	119
2 to 4 workers—farms	12	63	49	102	38	73	181	177
workers	33	185	116	278	117	191	487	493
5 to 9 workers—farms	12	24	13	22	34	29	46	49
workers	68	165	68	152	195	171	291	301
10 to 19 workers—farms	2	11	21	2	5	2	21	11
workers	(D)	137	259	(D)	(D)	(D)	267	139
20 workers or more—farms	1	30	3	2	1	1	17	6
workers	(D)	996	80	(D)	(D)	(D)	711	167

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Hired farm labor—farms, 1982	38	193	292	276	367	73	49	207
1978	28	200	294	226	426	124	62	187
workers, 1982	127	2 922	1 799	1 658	4 656	174	128	744
1978	121	2 384	1 760	1 594	5 403	319	203	618
$1,000 payroll, 1982	163	3 130	2 963	2 752	4 077	444	68	1 147
1978	95	2 156	1 692	3 429	4 043	395	94	481
1982 farms with—								
1 worker—farms	13	36	59	115	19	28	13	80
workers	13	36	59	115	19	28	13	80
2 workers—farms	9	34	83	43	33	27	13	47
workers	18	68	166	86	66	54	26	94
3 or 4 workers—farms	4	26	49	57	70	8	19	37
workers	14	80	184	182	243	27	68	127
5 to 9 workers—farms	12	48	69	23	111	9	4	39
workers	82	332	400	142	724	(D)	21	237
10 workers or more—farms	-	49	32	38	134	1	-	4
workers	-	2 406	990	1 133	3 604	(D)	-	206
1978 farms with—								
1 worker—farms	5	42	79	45	17	47	18	58
workers	5	42	79	45	17	47	18	58
2 workers—farms	2	37	56	36	47	35	12	25
workers	(D)	74	112	72	94	70	24	50
3 or 4 workers—farms	6	43	73	51	75	28	19	75
workers	21	140	270	183	249	96	66	244
5 to 9 workers—farms	14	34	47	68	126	13	10	24
workers	78	196	324	449	839	(D)	54	133
10 workers or more—farms	1	44	39	26	161	1	3	5
workers	(D)	1 932	975	845	4 204	(D)	41	133
Workers by days worked:								
150 days or more—farms, 1982	14	65	84	80	94	28	10	70
1978	10	94	74	75	119	44	10	41
workers, 1982	26	272	253	229	364	62	15	137
1978	15	342	210	323	408	70	16	61
1982 farms with—								
1 worker—farms	5	23	36	46	33	7	5	36
workers	5	23	36	46	33	7	5	36
2 workers—farms	7	10	20	15	15	12	5	19
workers	(D)	20	40	30	30	24	10	38
3 or 4 workers—farms	2	12	17	11	29	8	-	10
workers	(D)	38	58	35	100	(D)	-	32
5 to 9 workers—farms	-	14	7	4	9	1	-	5
workers	-	78	44	27	62	(D)	-	31
10 workers or more—farms	-	6	4	4	8	-	-	-
workers	-	113	75	91	139	-	-	-
1978 farms with—								
1 worker—farms	7	39	41	29	36	26	5	25
workers	7	39	41	29	36	26	5	25
2 workers—farms	2	12	15	19	28	14	4	12
workers	(D)	24	30	38	56	28	(D)	24
3 or 4 workers—farms	1	32	12	15	36	3	1	4
workers	(D)	100	(D)	55	117	(D)	(D)	12
5 to 9 workers—farms	-	6	2	5	11	1	-	-
workers	-	37	(D)	30	68	(D)	-	-
10 workers or more—farms	-	5	4	7	8	-	-	-
workers	-	142	81	171	131	-	-	-
Less than 150 days—farms, 1982	31	175	265	249	354	62	41	164
1978	26	155	265	213	407	100	62	172
workers, 1982	101	2 650	1 546	1 429	4 292	112	113	607
1978	106	2 042	1 550	1 271	4 995	249	187	557
1982 farms with—								
1 worker—farms	13	37	55	122	16	32	9	72
workers	13	37	55	122	16	32	9	72
2 to 4 workers—farms	9	48	123	72	103	28	29	56
workers	24	118	314	199	305	(D)	89	149
5 to 9 workers—farms	9	45	59	21	113	2	3	32
workers	64	312	344	134	747	(D)	15	186
10 to 19 workers—farms	-	25	3	22	55	-	-	3
workers	-	302	38	348	774	-	-	(D)
20 workers or more—farms	-	20	25	12	67	-	-	1
workers	-	1 881	795	626	2 450	-	-	(D)
1978 farms with—								
1 worker—farms	5	25	71	48	21	41	18	56
workers	5	25	71	48	21	41	18	56
2 to 4 workers—farms	9	62	116	90	111	48	33	89
workers	28	164	350	260	318	125	87	257
5 to 9 workers—farms	11	26	43	52	125	11	9	22
workers	(D)	140	296	349	850	83	(D)	116
10 to 19 workers—farms	1	12	15	15	56	-	2	4
workers	(D)	138	195	170	753	-	(D)	(D)
20 workers or more—farms	-	30	20	8	94	-	-	1
workers	-	1 577	638	444	3 053	-	-	(D)

Table 9. Hired Farm Labor—Workers and Payroll: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Hired farm labor—farms, 1982	32	61	738	139	14	638	310	316
1978	31	49	748	191	10	517	371	285
workers, 1982	109	233	8 186	465	38	2 420	980	2 262
1978	86	158	10 277	858	(D)	2 794	1 460	1 516
$1,000 payroll, 1982	169	152	17 031	825	18	3 160	2 411	2 423
1978	59	86	9 474	565	(D)	2 098	1 283	1 722
1982 farms with—								
1 worker—farms	8	28	141	53	7	180	143	127
workers	8	28	141	53	7	180	143	127
2 workers—farms	8	6	143	16	2	184	44	67
workers	16	12	286	32	(D)	368	88	134
3 or 4 workers—farms	7	6	151	48	3	128	63	40
workers	26	21	486	159	9	431	207	129
5 to 9 workers—farms	9	17	126	14	1	99	46	53
workers	59	116	780	89	(D)	612	295	386
10 workers or more—farms	–	4	177	8	1	47	14	29
workers	–	56	6 493	132	(D)	829	247	1 486
1978 farms with—								
1 worker—farms	6	18	193	32	4	181	112	93
workers	6	18	193	32	4	181	112	93
2 workers—farms	12	6	124	32	3	111	103	39
workers	24	12	248	64	6	222	206	78
3 or 4 workers—farms	9	14	134	62	1	92	98	93
workers	34	44	474	187	(D)	321	356	311
5 to 9 workers—farms	4	8	103	43	2	75	38	39
workers	22	48	670	281	(D)	521	263	225
10 workers or more—farms	–	3	194	22	–	58	20	21
workers	–	36	8 692	294	–	1 549	523	809
Workers by days worked:								
150 days or more—farms, 1982	13	19	355	35	1	151	99	93
1978	7	13	316	51	1	118	99	98
workers, 1982	27	33	1 610	75	(D)	270	321	237
1978	10	18	1 089	96	(D)	252	211	197
1982 farms with—								
1 worker—farms	6	9	145	20	1	98	39	60
workers	(D)	9	145	20	(D)	98	39	60
2 workers—farms	2	6	115	4	–	15	25	12
workers	(D)	12	230	8	–	30	50	24
3 or 4 workers—farms	5	4	57	8	–	33	21	16
workers	17	12	194	29	–	112	70	(D)
5 to 9 workers—farms	–	–	21	3	–	4	11	2
workers	–	–	127	18	–	(D)	67	(D)
10 workers or more—farms	–	–	17	–	–	1	3	3
workers	–	–	814	–	–	(D)	95	90
1978 farms with—								
1 worker—farms	4	8	148	26	–	55	54	59
workers	4	8	148	26	–	55	54	59
2 workers—farms	3	5	78	12	–	35	27	23
workers	6	10	156	24	–	70	54	46
3 or 4 workers—farms	–	–	53	10	1	23	13	10
workers	–	–	171	30	(D)	(D)	41	33
5 to 9 workers—farms	–	–	26	3	–	2	3	5
workers	–	–	168	16	–	(D)	(D)	(D)
10 workers or more—farms	–	–	11	–	–	3	2	2
workers	–	–	446	–	–	38	(D)	(D)
Less than 150 days—farms, 1982	28	58	645	126	13	544	259	275
1978	27	42	597	173	10	449	335	239
workers, 1982	82	200	6 576	390	(D)	2 150	659	2 025
1978	76	140	9 188	762	(D)	2 542	1 249	1 319
1982 farms with—								
1 worker—farms	11	25	150	44	6	137	131	116
workers	11	25	150	44	6	137	131	116
2 to 4 workers—farms	9	18	259	66	5	271	91	80
workers	27	48	889	189	13	671	248	193
5 to 9 workers—farms	8	11	93	9	1	91	31	51
workers	44	74	633	48	(D)	566	198	374
10 to 19 workers—farms	–	4	56	5	1	36	5	8
workers	–	53	743	(D)	(D)	400	(D)	97
20 workers or more—farms	–	–	87	2	–	9	1	20
workers	–	–	4 361	(D)	–	376	(D)	1 245
1978 farms with—								
1 worker—farms	5	14	136	31	4	154	116	77
workers	5	14	136	31	(D)	154	116	77
2 to 4 workers—farms	19	17	193	80	4	166	169	108
workers	54	48	545	222	(D)	437	482	317
5 to 9 workers—farms	3	8	90	47	2	76	32	42
workers	17	46	588	310	(D)	525	199	254
10 to 19 workers—farms	–	3	54	15	–	33	11	9
workers	–	32	755	199	–	456	152	101
20 workers or more—farms	–	–	124	–	–	20	7	3
workers	–	–	7 164	–	–	970	300	570

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

(Data are besed on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Senilac	Schoolcraft	Shiawassee	Tuscola	Van Buran	Washtanaw	Wayne	Wexford
Hired farm labor—farms, 1982	702	15	382	535	691	500	125	59
1978	754	20	457	605	805	398	134	55
workers, 1982	2 248	44	1 018	2 849	10 006	1 865	775	104
1978	2 654	75	1 426	3 238	11 333	1 675	990	278
$1,000 payroll, 1982	5 215	30	1 974	3 596	8 216	3 041	1 937	166
1978	3 536	51	1 587	2 651	7 462	2 453	1 490	202
1982 farms with—								
1 worker—farms	247	6	137	149	96	200	20	44
workers	247	6	137	149	96	200	20	44
2 workers—farms	182	3	128	60	80	123	33	3
workers	364	6	256	120	160	246	66	6
3 or 4 workers—farms	161	4	68	120	117	83	28	9
workers	543	(D)	219	411	405	297	101	35
5 to 9 workers—farms	72	1	41	132	141	77	20	3
workers	446	(D)	248	827	897	476	111	19
10 workers or more—farms	40	1	8	74	257	17	24	-
workers	648	(D)	158	1 342	8 448	646	477	-
1978 farms with—								
1 worker—farms	258	7	182	195	121	132	16	21
workers	258	7	182	195	121	132	16	(D)
2 workers—farms	168	4	90	108	108	117	38	2
workers	336	8	180	216	216	234	76	(D)
3 or 4 workers—farms	215	4	88	70	171	89	27	7
workers	719	(D)	306	253	584	298	86	26
5 to 9 workers—farms	76	2	84	151	178	34	24	20
workers	465	(D)	512	969	1 264	233	150	142
10 workers or more—farms	37	3	13	81	227	26	29	5
workers	876	35	246	1 605	9 148	778	662	85
Workers by days worked:								
150 days or more—farms, 1982	359	4	115	174	182	188	68	21
1978	349	5	131	186	232	125	51	12
workers, 1982	790	4	260	426	979	347	233	24
1978	674	(D)	290	382	900	304	251	25
1982 farms with—								
1 worker—farms	164	4	59	90	90	118	28	18
workers	164	4	59	90	90	118	28	18
2 workers—farms	87	-	29	29	35	39	17	3
workers	174	-	58	58	70	78	34	6
3 or 4 workers—farms	81	-	17	41	27	22	3	-
workers	283	-	53	129	90	72	10	-
5 to 9 workers—farms	25	-	7	11	22	7	16	-
workers	(D)	-	37	64	128	(D)	93	-
10 workers or more—farms	2	-	3	3	8	2	4	-
workers	(D)	-	53	85	601	(D)	68	-
1978 farms with—								
1 worker—farms	168	4	82	107	114	71	12	5
workers	168	4	82	107	114	71	12	5
2 workers—farms	107	-	23	40	49	28	5	6
workers	214	-	46	80	98	56	10	(D)
3 or 4 workers—farms	60	-	18	25	52	17	13	-
workers	207	-	61	81	191	63	41	-
5 to 9 workers—farms	13	1	5	13	7	5	17	1
workers	(D)	(D)	25	(D)	44	31	110	(D)
10 workers or more—farms	1	-	3	1	10	4	4	-
workers	(D)	-	76	(D)	453	83	78	-
Less than 150 days—farms, 1982	530	12	325	445	668	404	96	43
1978	581	18	398	504	736	341	124	52
workers, 1982	1 458	40	758	2 423	9 027	1 518	542	80
1978	1 980	(D)	1 136	2 856	10 433	1 371	739	253
1982 farms with—								
1 worker—farms	236	3	131	125	98	149	1	31
workers	236	3	131	125	98	149	(D)	31
2 to 4 workers—farms	242	7	160	144	177	183	67	11
workers	609	(D)	389	426	504	466	(D)	(D)
5 to 9 workers—farms	30	1	28	108	156	59	18	1
workers	194	(D)	160	681	986	(D)	101	(D)
10 to 19 workers—farms	14	1	5	49	127	2	6	-
workers	167	(D)	(D)	562	1 707	(D)	76	-
20 workers or more—farms	8	-	1	19	110	11	4	-
workers	252	-	(D)	629	5 732	512	185	-
1978 farms with—								
1 worker—farms	252	7	163	166	106	108	16	20
workers	252	7	163	166	106	108	16	20
2 to 4 workers—farms	254	7	158	126	238	185	63	13
workers	673	19	439	350	652	465	155	47
5 to 9 workers—farms	49	1	69	140	171	24	24	14
workers	314	(D)	408	901	1 197	158	142	101
10 to 19 workers—farms	8	3	6	42	89	11	17	5
workers	115	34	(D)	540	1 117	121	224	85
20 workers or more—farms	18	-	2	30	132	13	4	-
workers	626	-	(D)	899	7 361	519	202	-

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Date are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Reported only workers working 150 days or more—farms, 1982	2 857	8	5	96	17	6	17
1978	2 773	7	2	94	9	10	15
workers, 1982	5 985	10	10	245	35	11	36
1978	6 209	12	(D)	434	21	14	48
$1,000 payroll, 1982	32 195	40	27	1 365	199	24	141
1978	26 508	34	(D)	2 511	106	45	243
Reported only workers working less than 150 days—farms, 1982	14 117	90	23	477	145	76	61
1978	15 318	105	31	510	115	69	91
workers, 1982	62 884	227	86	2 210	653	442	584
1978	71 094	282	112	4 102	522	514	390
$1,000 payroll, 1982	26 742	81	47	1 091	190	234	161
1978	23 713	48	(D)	946	107	186	122
Reported both—workers working 150 days or more and workers working less than 150 days—farms, 1982	4 590	12	9	195	21	31	31
1978	4 194	5	6	182	7	29	17
150 days or more, 1982	14 270	24	13	810	46	86	67
1978	12 182	10	(D)	478	22	80	54
less than 150 days, 1982	46 923	52	27	2 293	48	305	156
1978	51 414	12	35	2 235	42	364	127
$1,000 payroll, 1982	127 375	153	43	7 816	273	771	521
1978	86 646	39	82	2 793	80	705	284

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Reported only workers working 150 days or more—farms, 1982	1	34	27	10	39	59	24
1978	4	34	58	6	54	70	61
workers, 1982	(D)	87	46	10	145	100	67
1978	(D)	93	99	16	98	120	123
$1,000 payroll, 1982	(D)	525	272	33	436	531	382
1978	(D)	299	288	68	430	510	479
Reported only workers working less than 150 days—farms, 1982	23	284	366	44	596	232	298
1978	26	245	409	56	707	271	293
workers, 1982	78	1 434	2 558	241	5 731	468	1 100
1978	(D)	917	1 783	455	6 718	668	838
$1,000 payroll, 1982	(D)	285	1 032	104	2 106	227	385
1978	25	235	608	233	2 265	220	203
Reported both—workers working 150 days or more and workers working less than 150 days—farms, 1982	5	52	48	21	267	53	130
1978	1	60	87	17	287	30	63
150 days or more, 1982	(D)	123	196	38	960	123	325
1978	(D)	113	191	30	893	77	215
less than 150 days, 1982	19	184	326	302	6 411	219	681
1978	(D)	427	585	264	8 749	185	438
$1,000 payroll, 1982	52	1 052	1 241	367	9 718	1 187	3 044
1978	(D)	627	921	346	8 529	645	1 601

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Reported only workers working 150 days or more—farms, 1982	54	35	5	5	11	97	1
1978	48	12	5	18	8	59	1
workers, 1982	91	55	13	15	20	195	(D)
1978	86	16	9	18	15	113	(D)
$1,000 payroll, 1982	666	167	115	13	155	946	(D)
1978	507	96	62	28	141	352	(D)
Reported only workers working less than 150 days—farms, 1982	247	42	44	101	66	404	3
1978	253	44	63	98	89	311	1
workers, 1982	911	149	235	383	181	1 302	(D)
1978	973	184	157	337	207	788	(D)
$1,000 payroll, 1982	333	23	60	143	65	414	(D)
1978	385	61	58	65	55	431	(D)
Reported both—workers working 150 days or more and workers working less than 150 days—farms, 1982	66	13	15	37	16	103	-
1978	61	4	8	13	12	54	-
150 days or more, 1982	187	29	22	81	47	255	-
1978	209	8	15	28	35	120	-
less than 150 days, 1982	937	285	51	190	57	368	-
1978	746	40	16	25	31	160	-
$1,000 payroll, 1982	1 552	58	146	446	345	1 545	-
1978	1 247	227	92	113	218	731	-

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Dalta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Reported only workers working 150 days or more							
farms, 1982	17	6	36	2	48	8	-
1978	11	6	53	10	35	14	-
workers, 1982	33	30	117	(D)	65	14	-
1978	22	12	102	23	57	16	-
$1,000 payroll, 1982	100	135	702	(D)	280	97	-
1978	73	29	406	50	247	73	-
Reported only workers working less than 150 days							
farms, 1982	89	34	303	69	191	109	17
1978	82	37	364	33	239	143	23
workers, 1982	187	104	644	152	527	238	31
1978	203	379	1 111	72	855	387	64
$1,000 payroll, 1982	82	39	264	(D)	232	104	13
1978	64	46	229	25	268	92	10
Reported both—workers working 150 days or more and workers working less than 150 days							
farms, 1982	27	24	86	11	91	12	6
1978	51	14	44	3	38	10	5
150 days or more, 1982	48	47	128	(D)	236	30	10
1978	101	41	139	23	87	14	17
less than 150 days, 1982	168	94	253	20	352	46	18
1978	214	107	216	24	345	14	17
$1,000 payroll, 1982	260	246	743	150	1 477	198	63
1978	452	241	391	100	538	67	102

All farms	Grand Travarsa	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Reported only workars working 150 days or more								
farms, 1982	22	72	78	1	122	55	82	3
1978	12	53	48	1	127	59	51	4
workers, 1982	32	130	152	(D)	257	132	235	28
1978	63	109	76	(D)	269	104	99	9
$1,000 payroll, 1982	143	661	758	(D)	1 345	722	1 707	347
1978	267	504	260	(D)	877	367	316	42
Reportad only workers working less than 150 days								
farms, 1982	113	255	311	51	382	240	289	63
1978	200	282	354	42	449	271	329	75
workars, 1982	529	792	756	348	1 781	614	814	125
1978	1 146	1 175	808	195	1 558	870	1 447	197
$1,000 payroll, 1982	362	367	269	(D)	734	316	390	61
1978	542	306	249	(D)	454	389	388	25
Raported both—workers working 150 days or more and workars working less than 150 days								
farms, 1982	69	64	72	23	175	76	99	18
1978	67	89	56	23	88	87	73	7
150 days or mora, 1982	116	151	168	(D)	476	226	216	35
1978	150	167	164	(D)	216	345	190	32
less than 150 days, 1982	708	514	257	216	779	591	647	43
1978	1 085	416	402	74	446	555	608	26
$1,000 payroll, 1982	1 101	1 197	1 092	81	3 324	2 216	1 809	210
1978	1 400	830	955	168	1 380	1 958	1 912	189

All farms	Iron	Isaballa	Jackson	Kalamazoo	Kalkaska	Kant	Kewaenaw	Laka
Reported only workars working 150 days or more								
farms, 1982	3	44	55	52	4	76	-	-
1978	2	81	66	45	-	58	-	4
workars, 1982	3	131	152	101	7	202	-	-
1978	(D)	160	117	162	-	143	-	9
$1,000 payroll, 1982	6	670	988	357	58	1 104	-	-
1978	(D)	718	703	674	-	593	-	13
Raported only workers working less than 150 days								
farms, 1982	30	217	210	246	13	452	-	42
1978	25	340	196	283	22	403	-	27
workers, 1982	103	662	468	952	38	2 448	-	128
1978	85	1 040	626	947	66	2 539	-	79
$1,000 payroll, 1982	34	312	293	425	38	1 371	-	21
1978	(D)	334	221	501	35	1 065	-	13
Raported both—workers working 150 days or more and workers working less than 150 days								
farms, 1982	6	68	73	103	3	193	-	3
1978	6	54	98	100	7	194	-	6
150 days or more, 1982	21	133	222	312	9	664	-	5
1978	(D)	114	221	254	17	914	-	7
less than 150 days, 1982	50	673	359	1 290	24	2 578	-	4
1978	53	216	626	776	29	4 162	-	12
$1,000 payroll, 1982	238	902	1 496	3 844	134	7 597	-	33
1978	162	705	1 612	2 491	97	6 111	-	30

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Reported only workers working 150 days or more								
farms, 1982	66	9	110	39	-	6	58	-
1978	103	19	54	32	1	3	52	16
workers, 1982	108	9	184	106	-	15	113	-
1978	394	35	100	87	(D)	4	202	18
$1,000 payroll, 1982	633	74	1 076	610	-	100	442	-
1978	1 733	171	552	287	(D)	13	919	28
Reported only workers working less than 150 days								
farms, 1982	234	146	341	184	7	19	183	101
1978	356	125	384	178	10	22	244	99
workers, 1982	788	986	1 362	550	23	53	1 017	1 004
1978	1 257	1 304	966	571	37	93	630	761
$1,000 payroll, 1982	299	661	852	336	(D)	29	287	263
1978	420	385	437	240	7	19	323	178
Reported both—workers working 150 days or more and workers working less then 150 days								
farms, 1982	117	59	87	55	2	6	76	37
1978	100	74	105	49	5	8	94	26
150 days or more, 1982	413	172	185	207	(D)	10	316	147
1978	289	216	215	99	(D)	16	273	93
less than 150 days, 1982	1 078	806	562	498	(D)	25	598	906
1978	634	939	567	240	14	17	734	1 045
$1,000 payroll, 1982	4 128	2 115	1 904	1 879	(D)	28	2 974	1 312
1978	2 608	1 838	1 543	675	(D)	78	2 154	1 048

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Reported only workers working 150 days or more								
farms, 1982	3	19	33	44	23	42	62	66
1978	4	21	27	33	10	41	55	36
workers, 1982	6	43	47	84	39	61	135	124
1978	9	31	50	71	21	89	102	85
$1,000 payroll, 1982	30	299	232	332	136	538	742	612
1978	55	142	178	243	83	269	350	303
Reported only workers working less than 150 days								
farms, 1982	24	173	146	75	154	87	232	233
1978	22	119	132	113	126	86	323	258
workers, 1982	80	1 319	662	147	631	160	561	803
1978	111	1 226	434	384	358	282	1 281	701
$1,000 payroll, 1982	37	587	148	101	195	179	295	305
1978	21	445	191	109	95	69	402	342
Reported both—workers working 150 days or more and workers working less than 150 days								
farms, 1982	6	24	30	55	11	32	98	86
1978	6	42	28	50	17	43	69	104
150 days or more, 1982	16	84	69	127	30	68	309	272
1978	16	64	94	94	24	87	308	255
less than 150 days, 1982	21	298	83	181	181	83	678	832
1978	33	290	163	161	130	147	602	518
$1,000 payroll, 1982	59	660	716	776	184	546	3 081	2 575
1978	69	527	490	432	153	319	1 877	1 624

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Reported only workers working 150 days or more								
farms, 1982	7	18	27	27	13	11	8	43
1978	2	45	29	13	19	24	-	15
workers, 1982	12	41	55	51	27	20	(D)	83
1978	(D)	93	101	28	64	35	-	22
$1,000 payroll, 1982	57	158	360	147	188	70	(D)	489
1978	(D)	525	477	235	123	139	-	121
Reported only workers working less than 150 days								
farms, 1982	24	128	208	196	273	45	39	137
1978	18	106	220	151	307	80	52	146
workers, 1982	83	775	925	736	2 734	68	(D)	387
1978	78	752	993	607	3 034	204	158	475
$1,000 payroll, 1982	15	324	316	320	1 088	83	18	161
1978	(D)	173	282	258	1 165	71	44	134
Reported both—workers working 150 days or more and workers working less than 150 days								
farms, 1982	7	47	57	53	81	17	2	27
1978	8	49	45	62	100	20	10	26
150 days or more, 1982	14	231	198	178	337	42	(D)	54
1978	(D)	249	109	295	344	35	16	39
less than 150 days, 1982	18	1 875	621	693	1 558	44	(D)	220
1978	28	1 290	557	664	1 961	45	29	82
$1,000 payroll, 1982	91	2 647	2 288	2 285	2 800	291	(D)	498
1978	75	1 459	933	2 936	2 755	185	50	225

Table 9. **Hired Farm Labor—Workers and Payroll: 1982 and 1978**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Reported only workers working 150 days or more—farms, 1982	4	3	93	13	1	94	51	41
1978	4	7	151	18	-	68	36	46
workers, 1982	12	3	258	22	(D)	155	140	56
1978	7	10	352	24	-	121	73	66
$1,000 payroll, 1982	25	11	1 389	122	(D)	716	658	229
1978	22	25	1 521	130	-	481	216	305
Reported only workers working less than 150 days—farms, 1982	19	42	383	104	13	487	211	223
1978	24	36	432	140	9	399	272	186
workers, 1982	53	114	2 176	272	(D)	1 747	458	1 063
1978	66	102	3 918	568	19	1 586	789	574
$1,000 payroll, 1982	11	31	1 029	172	(D)	1 097	265	272
1978	20	47	1 271	147	12	557	178	224
Reported both—workers working 150 days or more and workers working less then 150 days—farms, 1982	9	16	262	22	-	57	48	52
1978	3	6	165	33	1	50	63	53
150 days or more, 1982	15	30	1 352	53	-	115	181	181
1978	3	8	737	72	(D)	131	138	131
less than 150 days, 1982	29	86	4 400	118	-	403	201	962
1978	10	38	5 270	194	(D)	956	460	745
$1,000 payroll, 1982	133	110	14 614	531	-	1 347	1 488	1 922
1978	17	13	6 662	288	(D)	1 060	890	1 194

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Reported only workers working 150 days or more—farms, 1982	172	3	57	90	23	96	29	16
1978	173	2	59	101	69	57	10	3
workers, 1982	337	(D)	90	240	37	138	81	17
1978	362	(D)	107	222	191	83	25	10
$1,000 payroll, 1982	1 806	(D)	472	1 408	306	983	398	59
1978	1 623	(D)	460	841	710	510	208	21
Reported only workers working less than 150 days—farms, 1982	343	11	267	361	509	312	57	38
1978	405	15	326	419	573	273	83	43
workers, 1982	840	(D)	582	1 850	5 205	810	197	69
1978	1 314	47	895	2 184	5 189	816	236	215
$1,000 payroll, 1982	410	12	314	806	2 048	360	145	34
1978	371	(D)	236	601	2 055	474	88	25
Reported both—workers working 150 days or more and workers working less than 150 days—farms, 1982	187	1	58	84	159	92	39	5
1978	176	3	72	85	163	68	41	9
150 days or more, 1982	453	(D)	170	186	942	209	152	7
1978	312	3	183	160	709	221	226	15
less than 150 days, 1982	618	(D)	176	573	3 822	708	345	11
1978	666	(D)	241	672	5 244	555	503	38
$1,000 payroll, 1982	2 999	(D)	1 188	1 383	5 862	1 698	1 393	74
1978	1 542	28	891	1 209	4 698	1 470	1 195	156

Table 10. Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Amount received from Commodity Credit Corporation loans — farms, 1982	3 791	5	-	122	22	4	33
$1,000, 1982	136 699	33	-	6 031	84	67	969
1982 farms with receipts of—							
$1 to $499	224	1	-	-	8	-	2
$500 to $999	117	-	-	6	1	1	-
$1,000 to $4,999	610	2	-	9	8	-	9
$5,000 to $9,999	551	-	-	23	3	1	6
$10,000 to $19,999	682	2	-	15	1	-	3
$20,000 or more	1 607	-	-	69	1	2	13
Income from machine work, customwork, and other agricultural services — farms, 1982	4 371	15	4	142	26	16	11
1978	5 796	30	6	189	36	29	30
$1,000, 1982	12 300	11	1	439	79	24	41
1978	12 110	51	11	398	36	135	43
1982 farms with income of—							
$1 to $249	959	5	2	36	7	3	1
$250 to $499	657	4	1	21	2	3	2
$500 to $999	711	3	1	17	6	3	2
$1,000 to $4,999	1 430	3	-	48	4	6	4
$5,000 to $9,999	352	-	-	11	6	1	1
$10,000 to $19,999	168	-	-	6	-	-	-
$20,000 to $29,999	49	-	-	1	1	-	1
$30,000 or more	45	-	-	2	-	-	-
Value of agricultural products sold directly to individuals for human consumption (see text) — farms, 1982	6 911	31	14	239	71	65	39
1978	6 091	18	13	232	55	50	36
$1,000, 1982	30 267	38	23	1 428	128	264	85
1978	22 260	15	30	624	177	433	153
1982 farms with sales of—							
$1 to $249	1 197	9	4	37	7	9	4
$250 to $499	834	2	1	24	10	11	4
$500 to $999	1 260	10	4	31	12	12	6
$1,000 to $4,999	2 541	9	4	99	37	21	22
$5,000 to $9,999	508	1	-	25	4	2	2
$10,000 to $19,999	272	-	1	8	1	7	1
$20,000 to $29,999	122	-	-	3	-	-	-
$30,000 or more	177	-	-	12	-	3	-

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Amount received from Commodity Credit Corporation loans — farms, 1982	-	97	49	1	62	148	95
$1,000, 1982	-	3 420	2 081	(D)	2 042	4 742	3 669
1982 farms with receipts of—							
$1 to $499	-	2	3	-	3	8	4
$500 to $999	-	3	4	-	2	1	5
$1,000 to $4,999	-	14	4	1	11	23	15
$5,000 to $9,999	-	15	8	-	5	22	16
$10,000 to $19,999	-	21	8	-	13	29	19
$20,000 or more	-	42	22	-	28	65	36
Income from machine work, customwork, and other agricultural services — farms, 1982	4	72	92	13	147	82	118
1978	5	111	128	18	155	115	164
$1,000, 1982	2	193	185	64	504	210	367
1978	1	210	350	55	588	162	325
1982 farms with income of—							
$1 to $249	-	13	12	2	31	16	20
$250 to $499	2	12	11	3	20	9	18
$500 to $999	2	10	16	1	18	13	25
$1,000 to $4,999	-	26	45	3	54	34	31
$5,000 to $9,999	-	7	7	1	13	5	13
$10,000 to $19,999	-	2	-	2	4	4	7
$20,000 to $29,999	-	2	1	1	5	-	4
$30,000 or more	-	-	-	-	2	1	-
Value of agricultural products sold directly to individuals for human consumption (see text) — farms, 1982	11	115	108	39	352	83	119
1978	6	122	112	36	351	58	125
$1,000, 1982	6	257	540	77	2 678	305	250
1978	5	250	587	59	1 276	155	211
1982 farms with sales of—							
$1 to $249	3	26	15	8	52	18	26
$250 to $499	5	9	10	4	31	14	11
$500 to $999	1	28	17	8	52	18	22
$1,000 to $4,999	2	41	40	16	140	22	50
$5,000 to $9,999	-	8	12	1	31	5	7
$10,000 to $19,999	-	1	6	2	17	2	2
$20,000 to $29,999	-	1	4	-	10	2	-
$30,000 or more	-	1	4	-	19	2	1

Table 10. Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978—Con.

[For meaning of abbrevietions and symbols, see introductory text]

Item		Cass	Cherlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Amount received from Commodity Credit Corporation loans	farms, 1982	119	6	-	2	12	161	-
	$1,000, 1982	3 689	50	-	(D)	231	4 439	-
1982 farms with receipts of—								
$1 to $499		1	-	-	1	3	14	-
$500 to $999		4	1	-	1	-	9	-
$1,000 to $4,999		11	2	-	-	-	36	-
$5,000 to $9,999		22	1	-	-	3	19	-
$10,000 to $19,999		32	1	-	-	2	25	-
$20,000 or more		49	1	-	-	4	58	-
Income from machine work, customwork, and other agricultural services	farms, 1982	93	19	12	26	12	124	2
	1978	113	15	16	28	29	143	3
	$1,000, 1982	274	36	8	40	40	287	(D)
	1978	311	42	8	26	88	217	(D)
1982 farms with income of—								
$1 to $249		20	9	7	12	3	19	1
$250 to $499		16	2	1	6	1	22	-
$500 to $999		12	2	2	3	2	22	-
$1,000 to $4,999		34	3	2	4	4	46	1
$5,000 to $9,999		6	3	-	-	1	7	-
$10,000 to $19,999		4	-	-	-	-	7	-
$20,000 to $29,999		-	-	-	1	1	1	-
$30,000 or more		1	-	-	-	-	-	-
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1982	117	47	35	39	20	135	11
	1978	112	47	29	30	21	100	5
	$1,000, 1982	565	73	35	86	41	344	11
	1978	479	53	25	52	54	207	(D)
1982 farms with sales of—								
$1 to $249		18	7	16	4	1	25	2
$250 to $499		19	7	3	2	4	12	4
$500 to $999		16	12	5	12	5	22	1
$1,000 to $4,999		41	19	10	18	8	63	4
$5,000 to $9,999		9	-	1	2	1	7	-
$10,000 to $19,999		4	2	-	-	1	4	-
$20,000 to $29,999		6	-	-	1	-	-	-
$30,000 or more		4	-	-	-	-	2	-

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Amount received from Commodity Credit Corporation loans	farms, 1982	6	3	100	2	53	23	-
	$1,000, 1982	36	(D)	4 042	(D)	1 991	392	-
1982 farms with receipts of—								
$1 to $499		1	1	5	-	2	3	-
$500 to $999		1	-	-	-	2	1	-
$1,000 to $4,999		-	1	14	1	10	4	-
$5,000 to $9,999		1	-	18	-	9	1	-
$10,000 to $19,999		3	1	13	-	10	7	-
$20,000 or more		-	-	50	1	20	7	-
Income from machine work, customwork, and other agricultural services	farms, 1982	15	4	127	15	70	32	6
	1978	21	16	145	17	76	40	10
	$1,000, 1982	9	8	266	6	99	54	1
	1978	7	16	250	12	82	58	3
1982 farms with income of—								
$1 to $249		10	-	32	9	25	12	5
$250 to $499		2	1	22	2	7	5	1
$500 to $999		2	-	15	2	17	4	-
$1,000 to $4,999		-	2	46	2	15	8	-
$5,000 to $9,999		1	1	5	-	4	1	-
$10,000 to $19,999		-	-	5	-	1	2	-
$20,000 to $29,999		-	-	2	-	1	-	-
$30,000 or more		-	-	-	-	-	-	-
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1982	48	9	108	33	168	34	11
	1978	38	5	99	25	128	35	10
	$1,000, 1982	103	7	215	101	1 294	63	24
	1978	92	6	189	42	973	42	7
1982 farms with sales of—								
$1 to $249		12	2	26	5	22	4	2
$250 to $499		3	1	21	5	18	5	2
$500 to $999		11	3	23	9	21	7	2
$1,000 to $4,999		18	3	28	7	74	15	4
$5,000 to $9,999		1	-	5	4	12	1	-
$10,000 to $19,999		2	-	4	2	7	2	1
$20,000 to $29,999		1	-	-	-	4	-	-
$30,000 or more		-	-	1	1	10	-	-

Table 10. **Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Amount received from Commodity Credit Corporation loans ---- farms, 1982	9	97	115	1	169	153	126	12
$1,000, 1982	50	2 703	3 913	(D)	4 504	8 751	3 454	882
1982 farms with receipts of—								
$1 to $499	4	-	9	-	24	9	10	1
$500 to $999	1	3	6	1	7	1	2	-
$1,000 to $4,999	1	17	13	-	32	16	26	2
$5,000 to $9,999	-	15	11	-	25	16	25	2
$10,000 to $19,999	3	22	23	-	23	33	16	3
$20,000 or more	-	40	53	-	58	78	47	4
Income from machine work, customwork, and other egricultural services ---- farms, 1982	42	112	126	13	146	84	104	16
1978	52	180	151	11	222	104	105	15
$1,000, 1982	132	324	304	16	689	136	229	12
1978	206	343	307	2	604	166	181	10
1982 farms with income of—								
$1 to $249	5	14	18	5	15	16	25	5
$250 to $499	7	14	23	3	20	13	13	3
$500 to $999	9	20	20	2	23	19	19	3
$1,000 to $4,999	10	39	48	2	51	29	36	5
$5,000 to $9,999	6	16	10	1	20	6	6	-
$10,000 to $19,999	5	7	6	-	13	1	3	-
$20,000 to $29,999	-	2	1	-	-	-	1	-
$30,000 or more	-	-	-	-	4	-	1	-
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms, 1982	80	68	114	39	52	156	112	21
1978	66	57	92	47	64	107	101	17
$1,000, 1982	288	180	658	85	120	411	510	80
1978	129	102	371	83	313	232	669	32
1982 farms with sales of—								
$1 to $249	16	16	28	7	9	20	24	4
$250 to $499	11	7	16	3	9	17	12	-
$500 to $999	14	14	25	11	7	41	25	5
$1,000 to $4,999	28	24	34	11	22	67	36	9
$5,000 to $9,999	5	2	4	6	4	6	10	1
$10,000 to $19,999	3	2	2	1	-	3	2	1
$20,000 to $29,999	-	3	2	-	-	1	1	1
$30,000 or more	3	-	3	-	1	1	2	-

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Amount received from Commodity Credit Corporation loans ---- farms, 1982	1	40	87	69	4	77	-	5
$1,000, 1982	(D)	1 111	4 127	2 979	47	2 818	-	38
1982 farms with receipts of—								
$1 to $499	-	5	3	4	-	4	-	1
$500 to $999	1	3	2	1	-	-	-	1
$1,000 to $4,999	-	6	16	12	3	11	-	2
$5,000 to $9,999	-	3	16	7	-	11	-	-
$10,000 to $19,999	-	11	15	9	-	10	-	-
$20,000 or more	-	12	35	36	1	41	-	1
Income from machine work, customwork, end other agricultural services ---- farms, 1982	3	54	89	76	5	108	-	7
1978	9	93	116	118	9	136	-	14
$1,000, 1982	3	61	164	256	2	387	-	8
1978	5	106	314	247	5	377	-	5
1982 farms with income of—								
$1 to $249	-	11	22	13	2	29	-	3
$250 to $499	1	11	16	8	-	18	-	1
$500 to $999	1	13	11	13	3	11	-	-
$1,000 to $4,999	1	18	30	29	-	36	-	2
$5,000 to $9,999	-	1	9	8	-	5	-	1
$10,000 to $19,999	-	-	1	3	-	3	-	-
$20,000 to $29,999	-	-	-	1	-	2	-	-
$30,000 or more	-	-	-	1	-	4	-	-
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms, 1982	20	61	147	145	13	262	-	16
1978	9	48	141	141	11	238	1	13
$1,000, 1982	37	125	304	676	27	1 342	-	14
1978	5	102	339	791	21	965	(D)	6
1982 farms with sales of—								
$1 to $249	7	11	30	26	2	32	-	3
$250 to $499	1	9	22	19	2	27	-	2
$500 to $999	4	18	24	27	1	41	-	6
$1,000 to $4,999	7	15	57	50	6	105	-	5
$5,000 to $9,999	-	4	6	10	2	24	-	-
$10,000 to $19,999	-	3	6	5	-	19	-	-
$20,000 to $29,999	1	1	2	5	-	7	-	-
$30,000 or more	-	-	-	3	-	7	-	-

Table 10. Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, sea introductory text]

Item	Lapeer	Lealanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Amount received from Commodity Credit Corporation loans—farms, 1982	80	13	203	47	-	1	36	4
$1,000, 1982	2 631	130	9 535	2 154	-	(D)	826	23
1982 farms with receipts of—								
$1 to $499	5	1	2	5	-	-	5	-
$500 to $999	1	-	2	2	-	-	-	-
$1,000 to $4,999	18	6	24	2	-	-	7	2
$5,000 to $9,999	11	4	25	5	-	1	6	1
$10,000 to $19,999	15	-	34	11	-	-	9	1
$20,000 or more	30	2	116	22	-	-	9	-
Income from machine work, customwork, and other agricultural services—farms, 1982	80	45	177	60	4	3	40	32
1978	114	54	248	68	6	9	54	40
$1,000, 1982	147	156	762	189	12	3	182	67
1978	153	271	507	138	16	3	85	111
1982 farms with income of—								
$1 to $249	20	15	28	17	-	-	14	10
$250 to $499	15	5	24	8	1	-	4	2
$500 to $999	11	6	24	8	-	2	3	8
$1,000 to $4,999	28	8	73	21	2	1	13	7
$5,000 to $9,999	3	8	15	3	1	-	-	3
$10,000 to $19,999	3	2	8	1	-	-	3	2
$20,000 to $29,999	-	-	-	-	-	-	-	-
$30,000 or more	-	1	5	2	-	-	3	-
Value of agricultural products sold directly to individuals for human consumption (see text)—farms, 1982	191	63	133	149	5	7	165	74
1978	162	56	118	112	5	7	158	63
$1,000, 1982	1 482	200	788	481	11	4	2 298	157
1978	1 478	155	464	272	6	4	1 628	105
1982 farms with sales of—								
$1 to $249	21	7	17	30	-	1	15	7
$250 to $499	30	5	12	15	-	3	1	13
$500 to $999	34	21	18	22	-	1	25	22
$1,000 to $4,999	69	19	54	59	5	2	61	25
$5,000 to $9,999	18	6	19	12	-	-	15	5
$10,000 to $19,999	10	4	6	5	-	-	17	-
$20,000 to $29,999	2	-	2	4	-	-	12	1
$30,000 or more	7	1	5	2	-	-	19	1

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Amount received from Commodity Credit Corporation loans—farms, 1982	-	38	39	9	22	24	84	100
$1,000, 1982	-	862	878	26	1 096	95	3 026	3 715
1982 farms with receipts of—								
$1 to $499	-	-	-	2	-	2	2	3
$500 to $999	-	8	2	1	-	3	3	1
$1,000 to $4,999	-	3	13	3	4	13	12	17
$5,000 to $9,999	-	5	3	3	-	5	13	10
$10,000 to $19,999	-	12	12	-	5	1	21	26
$20,000 or more	-	10	9	-	13	-	33	43
Income from machine work, customwork, and other agricultural services—farms, 1982	5	32	45	22	29	22	108	72
1978	8	45	45	27	40	34	158	108
$1,000, 1982	(D)	83	54	39	42	54	240	142
1978	1	79	50	21	42	41	287	128
1982 farms with income of—								
$1 to $249	4	2	12	7	9	5	21	8
$250 to $499	-	4	6	6	1	-	18	9
$500 to $999	-	8	7	1	6	7	20	17
$1,000 to $4,999	-	13	18	5	11	8	34	31
$5,000 to $9,999	1	3	2	2	2	1	8	5
$10,000 to $19,999	-	1	-	1	-	-	7	1
$20,000 to $29,999	-	1	-	-	-	1	-	1
$30,000 or more	-	-	-	-	-	-	-	-
Value of agricultural products sold directly to individuals for human consumption (see text)—farms, 1982	30	68	70	47	42	30	161	103
1978	17	62	54	33	41	31	132	99
$1,000, 1982	16	258	158	82	46	46	972	192
1978	23	138	57	58	66	46	710	152
1982 farms with sales of—								
$1 to $249	9	15	10	10	13	6	30	22
$250 to $499	5	11	14	5	8	6	19	16
$500 to $999	11	15	22	9	9	8	18	23
$1,000 to $4,999	5	19	20	20	10	7	45	30
$5,000 to $9,999	-	5	2	1	1	3	24	6
$10,000 to $19,999	-	2	-	2	1	-	10	5
$20,000 to $29,999	-	-	-	-	-	-	6	1
$30,000 or more	-	1	2	-	-	-	9	-

Table 10. **Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Amount received from Commodity Credit Corporation loans ---- farms, 1982	2	19	49	13	12	8	1	6
$1,000, 1982	(D)	1 151	629	607	248	(D)	(D)	(D)
1982 farms with receipts of—								
$1 to $499	-	-	6	-	2	3	1	2
$500 to $999	-	-	3	1	-	-	-	1
$1,000 to $4,999	1	3	11	2	1	3	-	1
$5,000 to $9,999	1	7	8	-	1	-	-	-
$10,000 to $19,999	-	3	10	1	3	-	-	-
$20,000 or more	-	6	11	9	5	2	-	2
Income from machine work, customwork, and other agricultural services ---- farms, 1982	10	25	66	35	86	13	7	32
1978	13	53	75	50	86	16	6	32
$1,000, 1982	9	136	156	53	378	17	2	49
1978	30	127	137	107	365	18	2	27
1982 farms with income of—								
$1 to $249	6	3	15	10	22	4	4	5
$250 to $499	1	2	13	7	9	1	1	6
$500 to $999	-	6	16	7	4	2	2	7
$1,000 to $4,999	3	7	16	7	34	6	-	13
$5,000 to $9,999	-	3	3	3	10	-	-	1
$10,000 to $19,999	-	3	1	1	5	-	-	-
$20,000 to $29,999	-	-	1	-	1	-	-	-
$30,000 or more	-	1	1	-	1	-	-	-
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms, 1982	8	67	102	152	122	29	11	48
1978	4	90	74	121	87	28	6	41
$1,000, 1982	29	105	486	880	292	49	6	103
1978	3	153	142	665	179	52	7	60
1982 farms with sales of—								
$1 to $249	1	4	20	26	25	10	4	15
$250 to $499	-	13	11	13	14	8	2	7
$500 to $999	3	17	15	23	26	-	4	9
$1,000 to $4,999	2	29	41	68	45	6	1	12
$5,000 to $9,999	1	4	6	8	7	4	-	2
$10,000 to $19,999	-	-	3	6	3	1	-	2
$20,000 to $29,999	1	-	2	3	1	-	-	1
$30,000 or more	-	-	4	5	1	-	-	-

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Amount received from Commodity Credit Corporation loans ---- farms, 1982	-	2	50	-	1	111	52	131
$1,000, 1982	-	(D)	2 563	-	(D)	2 978	2 937	5 650
1982 farms with receipts of—								
$1 to $499	-	1	4	-	-	5	1	2
$500 to $999	-	1	-	-	-	2	-	4
$1,000 to $4,999	-	-	9	-	1	16	7	23
$5,000 to $9,999	-	-	2	-	-	21	5	19
$10,000 to $19,999	-	-	9	-	-	20	6	17
$20,000 or more	-	-	26	-	-	47	33	66
Income from machine work, customwork, and other agricultural services ---- farms, 1982	7	7	95	18	2	117	69	110
1978	6	6	155	23	3	149	103	130
$1,000, 1982	6	7	425	12	(D)	305	95	526
1978	2	7	476	30	(D)	241	192	417
1982 farms with income of—								
$1 to $249	2	2	21	5	-	21	22	16
$250 to $499	2	1	14	6	1	18	10	11
$500 to $999	-	2	12	2	-	21	13	18
$1,000 to $4,999	3	2	25	5	-	40	17	41
$5,000 to $9,999	-	-	11	-	1	12	6	14
$10,000 to $19,999	-	-	6	-	-	3	1	5
$20,000 to $29,999	-	-	3	-	-	-	-	3
$30,000 or more	-	-	3	-	-	2	-	2
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms, 1982	16	13	265	28	6	130	150	91
1978	9	12	255	28	2	116	140	94
$1,000, 1982	45	4	952	23	10	689	538	320
1978	19	16	805	37	(D)	468	393	284
1982 farms with sales of—								
$1 to $249	3	5	34	8	1	17	19	16
$250 to $499	6	6	23	6	1	11	18	17
$500 to $999	2	2	57	3	1	17	28	19
$1,000 to $4,999	2	-	103	11	3	55	63	28
$5,000 to $9,999	1	-	26	-	-	11	12	7
$10,000 to $19,999	2	-	10	-	-	11	6	1
$20,000 to $29,999	-	-	9	-	-	3	2	-
$30,000 or more	-	-	3	-	-	5	2	3

Table 10. Commodity Credit Corporation Loans, Agricultural Services, and Direct Sales of Agricultural Products: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Amount received from Commodity Credit Corporation loans	farms, 1982	149	1	128	98	85	75	4	4
	$1,000, 1982	5 731	(D)	2 848	5 729	4 238	2 670	44	34
1982 farms with receipts of—									
$1 to $499		6	-	14	6	2	5	-	1
$500 to $999		2	-	6	1	1	1	-	-
$1,000 to $4,999		28	1	24	6	11	5	1	-
$5,000 to $9,999		21	-	19	13	21	15	1	1
$10,000 to $19,999		22	-	19	17	18	14	1	2
$20,000 or more		70	-	46	55	32	35	1	-
Income from machine work, customwork, and other agricultural services	farms, 1982	151	3	92	124	127	91	12	12
	1978	183	4	103	196	145	134	25	19
	$1,000, 1982	398	(D)	189	294	770	282	13	10
	1978	324	(D)	107	371	557	207	40	17
1982 farms with income of—									
$1 to $249		29	1	26	26	26	19	2	5
$250 to $499		31	1	15	19	14	16	5	3
$500 to $999		20	-	23	23	19	16	1	2
$1,000 to $4,999		51	1	21	36	35	28	4	1
$5,000 to $9,999		11	-	4	12	17	3	-	1
$10,000 to $19,999		6	-	1	6	10	5	-	-
$20,000 to $29,999		2	-	1	2	2	2	-	-
$30,000 or more		1	-	1	-	4	2	-	-
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1982	111	9	111	120	273	188	94	22
	1978	92	2	100	94	227	163	86	19
	$1,000, 1982	302	6	312	564	1 301	1 236	807	118
	1978	243	(D)	201	483	796	962	535	17
1982 farms with sales of—									
$1 to $249		17	2	24	20	68	29	10	7
$250 to $499		18	1	13	23	26	23	7	5
$500 to $999		21	4	16	13	49	23	15	2
$1,000 to $4,999		35	2	46	45	82	74	41	6
$5,000 to $9,999		13	-	3	12	23	16	10	-
$10,000 to $19,999		4	-	5	4	15	8	4	1
$20,000 to $29,999		3	-	4	-	2	6	1	-
$30,000 or more		-	-	-	3	8	9	6	1

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY								
Any cattle, hogs, or sheep	farms, 1982	29 509	212	55	1 025	302	141	179
	1978	29 547	191	64	1 086	267	126	222
Cattle and calves	farms, 1982	25 657	200	51	828	292	129	168
	1978	25 293	175	62	845	251	112	194
	number, 1982	1 345 793	8 840	2 409	51 419	11 444	7 741	9 109
	1978	1 248 623	6 608	3 132	46 410	9 184	7 278	9 467
Farms by inventory:								
1 to 9	1982	7 527	32	9	261	66	37	44
	1978	7 146	35	12	242	55	19	54
10 to 19	1982	4 648	47	7	136	69	21	30
	1978	4 639	44	12	126	58	30	38
20 to 49	1982	6 070	74	17	160	86	33	41
	1978	6 193	52	20	183	77	24	48
50 to 99	1982	3 691	28	9	118	47	15	18
	1978	3 955	31	8	157	42	15	22
100 to 199	1982	2 433	10	9	92	15	15	25
	1978	2 346	11	6	91	17	15	26
200 to 499	1982	1 114	9	-	53	6	7	10
	1978	884	2	4	42	2	8	5
500 or more	farms, 1982	174	-	-	8	1	1	-
	1978	130	-	-	4	-	1	1
	number, 1982	164 038	-	-	5 765	(D)	(D)	-
	1978	125 527	-	-	2 692	-	(D)	(D)
Cows and heifers that had calved	farms, 1982	18 730	160	43	548	229	101	118
	1978	19 000	152	50	581	208	96	142
	number, 1982	539 180	3 724	1 075	19 676	5 156	2 767	3 677
	1978	517 274	3 234	1 490	18 688	4 395	3 066	3 948
1982 farms by inventory:								
1 to 4		4 544	20	10	133	53	27	24
5 to 9		3 002	33	5	78	49	17	19
10 to 19		3 212	46	6	69	39	19	17
20 to 49		4 501	46	14	122	63	18	30
50 to 99		2 379	9	8	97	19	12	21
100 to 199		934	5	-	40	5	7	6
200 to 499		141	1	-	9	1	1	1
500 or more	farms	17	-	-	-	-	-	-
	number	13 913	-	-	-	-	-	-
Beef cows	farms, 1982	10 810	132	20	269	149	60	58
	1978	10 575	130	28	261	131	60	65
	number, 1982	140 969	2 419	170	3 145	2 036	892	531
	1978	139 275	2 371	675	3 141	1 700	1 242	605
1982 farms by inventory:								
1 to 9		6 601	55	17	187	77	30	41
10 to 19		2 331	39	1	51	37	17	9
20 to 49		1 490	30	1	20	29	8	8
50 to 99		277	4	1	9	6	4	-
100 to 199		81	4	-	-	-	1	-
200 to 499		23	-	-	2	-	-	-
500 or more	farms	7	-	-	-	-	-	-
	number	7 064	-	-	-	-	-	-
Milk cows	farms, 1982	9 142	38	31	329	90	45	72
	1978	9 867	35	28	362	94	41	90
	number, 1982	398 211	1 305	905	16 531	3 120	1 875	3 146
	1978	377 999	863	815	15 547	2 695	1 824	3 343
1982 farms by inventory:								
1 to 9		2 013	9	5	65	33	18	9
10 to 29		2 137	14	12	58	19	5	27
30 to 49		1 948	8	8	70	18	7	10
50 to 99		2 083	5	6	95	14	8	19
100 to 199		838	1	-	34	5	6	6
200 to 499		116	1	-	7	1	1	1
500 or more	farms	7	-	-	-	-	-	-
	number	5 103	-	-	-	-	-	-
Heifers and heifer calves	farms, 1982	18 594	158	41	558	239	103	128
	1978	18 667	138	56	611	196	98	165
	number, 1982	422 366	2 474	931	17 771	3 845	2 655	2 993
	1978	380 888	1 590	1 241	15 571	2 557	2 337	3 067
Steers, steer calves, bulls, and bull calves	farms, 1982	21 600	168	42	673	259	105	151
	1978	20 809	158	44	685	212	94	160
	number, 1982	384 247	2 642	403	13 972	2 443	2 319	2 439
	1978	350 461	1 784	401	12 151	2 232	1 875	2 452
SALES								
Dairy products sold	farms, 1982	7 589	30	26	273	69	34	66
	1978	8 252	27	26	303	70	30	77
	$1,000, 1982	613 059	1 867	1 367	27 082	5 235	3 003	4 447
	1978	431 385	967	947	18 451	3 102	2 157	3 174
Cattle and calves sold	farms, 1982	22 849	205	43	741	271	110	154
	1978	23 057	172	61	788	242	111	178
	number, 1982	642 060	4 454	1 087	29 514	4 253	3 634	3 486
	1978	675 773	3 738	1 357	28 409	4 944	3 024	4 473
	$1,000, 1982	295 881	1 625	335	13 285	1 436	1 613	1 305
	1978	260 614	1 192	404	9 917	1 676	1 143	1 545
1982 farms by number sold:								
1 to 9		10 835	82	14	315	130	40	72
10 to 19		5 128	66	10	149	70	27	37
20 to 49		4 651	36	12	159	58	22	31
50 to 99		1 446	10	6	67	12	12	10
100 to 199		469	11	1	30	-	7	1
200 to 499		189	-	-	12	1	1	3
500 or more	farms	131	-	-	9	-	1	-
	number	177 066	-	-	9 186	-	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations end symbols, see introductory text]

Item		Barega	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY								
Any cattle, hogs, or sheep	farms, 1982	52	642	189	58	437	621	716
	1978	64	636	214	57	410	637	724
Cattle and calves	farms, 1982	51	587	154	47	321	508	624
	1978	62	552	164	51	310	490	619
	number, 1982	1 612	29 095	4 736	1 711	8 329	23 310	31 331
	1978	1 907	26 169	4 882	1 506	8 575	22 264	29 821
Farms by inventory:								
1 to 9	1982	14	163	68	19	145	177	179
	1978	22	170	66	21	131	134	186
10 to 19	1982	15	114	29	10	54	109	122
	1978	13	117	38	12	52	116	115
20 to 49	1982	12	143	30	7	76	115	140
	1978	15	118	34	10	69	132	147
50 to 99	1982	7	92	16	4	27	58	100
	1978	7	77	16	4	44	59	90
100 to 199	1982	3	43	6	6	18	32	57
	1978	5	43	5	3	12	30	56
200 to 499	1982	-	29	5	1	-	13	19
	1978	-	25	5	1	1	15	21
500 or more	farms, 1982	-	3	-	-	1	4	7
	1978	-	2	-	-	1	4	4
	number, 1982	-	2 208	-	-	(D)	4 974	4 742
	1978	-	(D)	-	-	(D)	3 808	2 723
Cows and heifers that had calved	farms, 1982	43	445	98	40	204	353	473
	1978	58	414	124	43	215	364	469
	number, 1982	798	13 302	1 851	568	3 431	7 562	12 124
	1978	976	11 343	2 005	522	3 824	8 002	11 513
1982 farms by inventory:								
1 to 4		12	106	30	14	76	93	110
5 to 9		8	62	26	8	34	73	90
10 to 19		7	93	11	10	39	64	79
20 to 49		11	107	21	6	38	84	122
50 to 99		5	48	6	2	15	27	52
100 to 199		-	23	4	-	1	11	16
200 to 499		-	5	-	-	1	1	3
500 or more	farms	-	1	-	-	-	-	1
	number	-	(D)	-	-	-	-	(D)
Beef cows	farms, 1982	29	268	58	35	146	192	331
	1978	34	263	73	36	146	211	321
	number, 1982	338	3 696	350	436	1 395	2 038	4 767
	1978	516	3 143	524	391	1 608	2 352	4 236
1982 farms by inventory:								
1 to 9		20	140	48	21	95	120	182
10 to 19		2	71	7	8	29	37	62
20 to 49		5	44	3	5	19	31	75
50 to 99		2	11	-	1	3	4	10
100 to 199		-	2	-	-	-	-	1
200 to 499		-	-	-	-	-	-	1
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Milk cows	farms, 1982	22	200	46	8	63	184	161
	1978	30	178	54	9	75	180	185
	number, 1982	460	9 606	1 501	132	2 036	5 524	7 357
	1978	460	8 200	1 481	131	2 216	5 650	7 277
1982 farms by inventory:								
1 to 9		8	45	13	4	19	62	35
10 to 29		9	41	14	2	19	58	35
30 to 49		3	50	9	1	12	30	32
50 to 99		2	37	6	1	11	22	42
100 to 199		-	21	4	-	1	11	13
200 to 499		-	5	-	-	1	1	4
500 or more	farms	-	1	-	-	-	-	-
	number	-	(D)	-	-	-	-	-
Heifers and heifer calves	farms, 1982	49	447	99	34	200	373	470
	1978	51	407	114	28	206	337	442
	number, 1982	463	10 015	1 700	437	2 504	6 405	8 430
	1978	577	8 777	1 705	318	2 648	5 617	7 955
Steers, steer calves, bulls, and bull calves	farms, 1982	46	500	130	42	263	439	545
	1978	48	462	133	46	253	415	541
	number, 1982	351	5 778	1 185	706	2 394	9 343	10 777
	1978	354	6 049	1 172	666	2 103	8 645	10 353
SALES								
Dairy products sold	farms, 1982	17	162	36	6	51	151	132
	1978	23	149	47	4	53	147	154
	$1,000, 1982	593	15 664	2 157	216	3 117	7 105	11 270
	1978	419	10 010	1 465	(D)	2 701	5 814	8 257
Cattle and calves sold	farms, 1982	43	515	123	41	262	415	552
	1978	56	491	128	40	259	422	574
	number, 1982	682	11 138	1 678	820	2 997	15 853	16 401
	1978	770	11 150	2 599	1 233	4 090	16 032	17 935
	$1,000, 1982	206	4 259	690	439	1 258	9 315	7 618
	1978	218	3 850	869	627	1 378	6 749	6 953
1982 farms by number sold:								
1 to 9		20	247	71	22	160	222	277
10 to 19		11	120	27	11	67	83	122
20 to 49		9	102	18	3	26	72	96
50 to 99		3	36	6	2	7	21	37
100 to 199		-	3	1	3	1	7	12
200 to 499		-	5	-	-	1	5	4
500 or more	farms	-	2	-	-	-	5	4
	number	-	(D)	-	-	-	8 160	5 456

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations end symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY								
Any cattle, hogs, or sheep	farms, 1982	575	180	148	263	224	781	12
	1978	624	167	159	245	227	763	10
Cattle and calves	farms, 1982	384	176	144	251	201	665	11
	1978	419	158	148	234	194	644	10
	number, 1982	13 650	6 306	6 847	8 772	14 215	40 681	60
	1978	15 894	5 915	5 719	8 381	11 112	36 574	109
Ferms by inventory:								
1 to 9	1982	147	53	31	79	43	192	8
	1978	138	44	40	57	44	181	6
10 to 19	1982	65	41	36	43	35	118	3
	1978	94	34	33	62	38	109	2
20 to 49	1982	88	46	45	68	52	126	-
	1978	94	46	45	51	53	121	2
50 to 99	1982	47	20	15	43	36	109	-
	1978	50	20	18	48	31	127	-
100 to 199	1982	30	13	11	15	19	81	-
	1978	32	11	7	14	18	61	-
200 to 499	1982	5	3	5	3	11	36	-
	1978	10	3	5	2	8	42	-
500 or more	farms, 1982	2	-	1	-	5	3	-
	1978	1	-	-	-	2	3	-
	number, 1982	(D)	-	(D)	-	3 751	4 950	-
	1978	(D)	-	-	-	(D)	2 117	-
Cows and heifers that hed calved	farms, 1982	268	147	130	215	162	407	8
	1978	308	142	126	206	157	421	8
	number, 1982	5 792	2 997	3 386	4 301	5 620	16 901	18
	1978	6 995	2 672	3 074	4 026	4 778	15 129	39
1982 farms by inventory:								
1 to 4		73	41	27	59	43	81	6
5 to 9		49	24	29	30	22	62	2
10 to 19		49	31	26	47	24	42	-
20 to 49		66	34	28	61	42	115	-
50 to 99		24	14	14	12	19	63	-
100 to 199		5	3	5	6	9	36	-
200 to 499		2	-	1	-	2	7	-
500 or more	farms	-	-	-	-	1	1	-
	number	-	-	-	-	(D)	(D)	-
Beef cows	farms, 1982	199	97	101	134	103	184	7
	1978	227	95	103	124	102	170	8
	number, 1982	3 209	1 309	1 599	1 805	2 608	1 879	(D)
	1978	3 959	1 014	1 664	1 616	2 134	1 811	(D)
1882 farms by inventory:								
1 to 9		112	53	48	75	53	125	7
10 to 19		39	23	27	29	20	29	-
20 to 49		40	16	20	24	22	26	-
50 to 99		4	5	6	5	5	3	-
100 to 199		2	-	-	1	2	1	-
200 to 499		2	-	-	-	-	-	-
500 or more	farms	-	-	-	-	1	-	-
	number	-	-	-	-	(D)	-	-
Milk cows	farms, 1982	85	66	41	102	76	235	2
	1978	103	69	38	104	70	262	1
	number, 1982	2 583	1 688	1 787	2 496	3 012	15 022	(D)
	1978	3 036	1 658	1 410	2 410	2 644	13 318	(D)
1882 farms by inventory:								
1 to 9		29	32	19	32	21	26	2
10 to 29		17	12	2	33	22	43	-
30 to 49		16	10	6	25	11	64	-
50 to 99		20	9	9	9	14	60	-
100 to 199		3	3	4	3	6	34	-
200 to 499		-	-	1	-	2	7	-
500 or more	farms	-	-	-	-	-	1	-
	number	-	-	-	-	-	(D)	-
Heifers and heifer calves	farms, 1982	248	143	118	214	164	410	11
	1978	274	129	121	201	145	430	8
	number, 1982	3 619	2 164	2 201	2 964	4 659	13 536	19
	1978	4 571	2 088	1 581	3 028	3 096	11 668	49
Steers, steer calves, bulls, and bull calves	farms, 1982	330	151	124	207	177	577	8
	1978	358	135	126	184	167	551	6
	number, 1982	4 239	1 145	1 260	1 507	3 936	10 244	23
	1978	4 328	1 155	1 064	1 327	3 238	9 777	21
SALES								
Dairy products sold	farms, 1982	56	38	24	80	60	216	-
	1978	69	39	26	86	60	237	-
	$1,000, 1982	3 593	2 400	2 502	3 372	4 834	24 855	-
	1978	3 124	1 765	1 502	2 543	3 010	16 973	-
Cattle and calves sold	farms, 1982	315	165	134	219	183	583	10
	1978	368	152	132	216	180	583	9
	number, 1982	7 399	2 493	2 819	3 465	6 053	14 631	48
	1978	8 544	2 462	2 123	3 864	5 525	17 651	61
	$1,000, 1982	3 121	736	763	1 069	2 525	6 583	14
	1978	3 235	735	623	1 092	2 196	6 880	19
1982 farms by number sold:								
1 to 9		162	89	61	111	61	255	9
10 to 19		70	32	32	45	52	118	1
20 to 49		65	33	26	53	50	144	-
50 to 99		11	11	11	8	9	43	-
100 to 199		4	-	3	2	5	18	-
200 to 499		2	-	1	-	5	3	-
500 or more	farms	1	-	-	-	1	2	-
	number	(D)	-	-	-	(D)	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Item		Delte	Dickinson	Eeton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY								
Any cettle, hogs, or sheep	farms, 1982	226	89	686	173	385	323	59
	1978	220	86	693	161	384	294	56
Cettle end celves	farms, 1982	216	87	593	165	338	303	58
	1978	212	84	565	161	327	267	56
	number, 1982	9 409	3 506	23 675	6 963	18 478	10 568	1 120
	1978	9 371	2 985	21 038	6 385	16 276	9 250	1 248
Farms by inventory:								
1 to 9	1982	57	25	186	39	123	63	20
	1978	35	24	165	45	134	59	22
10 to 19	1982	34	14	108	46	80	76	21
	1978	47	11	126	36	62	66	19
20 to 49	1982	63	21	156	38	70	103	14
	1978	75	28	139	44	59	77	11
50 to 99	1982	37	19	81	30	28	41	2
	1978	30	16	84	25	32	54	1
100 to 199	1982	20	8	48	9	17	14	1
	1978	18	5	46	8	23	8	3
200 to 499	1982	5	-	12	2	14	6	-
	1978	7	-	4	2	13	3	-
500 or more	farms, 1982	-	-	2	1	6	-	-
	1978	-	-	1	1	4	-	-
	number, 1982	-	-	(D)	(D)	6 175	-	-
	1978	-	-	(D)	(D)	4 190	-	-
Cows end heifers thet hed celved	farms, 1982	187	78	452	144	237	251	54
	1978	193	77	448	142	227	228	53
	number, 1982	4 651	1 858	10 159	3 143	6 235	4 118	549
	1978	5 249	1 688	9 491	2 915	5 216	4 135	594
1982 farms by inventory:								
1 to 4		49	15	126	35	90	50	18
5 to 9		23	16	67	32	50	70	16
10 to 19		32	5	103	26	32	55	12
20 to 49		59	35	96	37	34	59	7
50 to 99		18	6	45	10	15	16	1
100 to 199		5	1	14	3	12	1	-
200 to 499		1	-	1	1	2	-	-
500 or more	farms	-	-	-	-	2	-	-
	number	-	-	-	-	(D)	-	-
Beef cows	farms, 1982	118	50	304	112	176	183	43
	1978	127	51	321	102	158	175	43
	number, 1982	2 000	790	4 161	1 942	1 771	2 313	356
	1978	2 704	617	4 085	1 586	2 029	2 385	419
1982 farms by inventory:								
1 to 9		59	29	172	61	126	101	31
10 to 19		25	5	78	25	28	42	9
20 to 49		26	13	37	18	18	37	2
50 to 99		6	3	12	7	2	3	1
100 to 199		1	-	5	-	2	-	-
200 to 499		1	-	-	1	-	-	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Milk cows	farms, 1982	87	31	173	46	76	80	18
	1978	85	32	170	55	84	71	16
	number, 1982	2 651	1 068	5 998	1 201	4 464	1 805	193
	1978	2 545	1 071	5 406	1 329	3 187	1 750	175
1982 farms by inventory:								
1 to 9		28	3	39	18	30	31	10
10 to 29		23	10	56	9	9	27	8
30 to 49		20	15	37	12	10	9	-
50 to 99		12	2	31	5	13	12	-
100 to 199		4	1	9	2	10	1	-
200 to 499		-	-	1	-	2	-	-
500 or more	farms	-	-	-	-	2	-	-
	number	-	-	-	-	(D)	-	-
Heifers end heifer calves	farms, 1982	166	70	461	129	196	241	44
	1978	172	68	419	139	197	221	42
	number, 1982	3 091	1 302	7 781	2 377	3 637	2 885	353
	1978	2 881	1 001	6 676	2 197	3 957	2 691	414
Steers, steer calves, bulls, and bull calves	farms, 1982	190	66	522	134	293	272	48
	1978	177	64	478	132	265	236	48
	number, 1982	1 667	346	5 735	1 443	8 606	3 565	218
	1978	1 241	296	4 871	1 273	7 103	2 424	240
SALES								
Dairy products sold	farms, 1982	61	29	142	30	51	57	11
	1978	73	30	132	35	54	51	12
	$1,000, 1982	3 664	1 511	8 170	2 169	6 824	2 395	216
	1978	2 557	1 101	5 926	1 600	3 195	1 739	(D)
Cattle end calves sold	farms, 1982	189	77	524	151	297	290	49
	1978	194	70	511	142	277	254	46
	number, 1982	3 577	1 130	9 625	2 430	12 001	4 341	431
	1978	4 126	1 001	9 389	2 204	11 977	4 228	547
	$1,000, 1982	1 124	290	4 196	758	6 515	1 839	135
	1978	1 153	240	3 123	662	5 781	1 443	146
1982 farms by number sold:								
1 to 9		85	36	284	75	169	145	35
10 to 19		37	27	113	38	56	81	12
20 to 49		51	12	93	29	44	52	1
50 to 99		14	2	25	8	13	9	1
100 to 199		2	-	6	-	4	2	-
200 to 499		-	-	1	1	5	1	-
500 or more	farms	-	-	2	-	6	-	-
	number	-	-	(D)	-	6 255	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY									
Any cattle, hogs, or sheep	farms, 1982	174	508	735	123	865	636	741	175
	1978	158	505	783	119	977	587	760	162
Cattle and calves	farms, 1982	155	424	602	121	790	549	637	166
	1978	143	425	628	118	882	481	658	151
	number, 1982	6 331	28 096	32 251	2 841	77 272	28 496	38 811	11 167
	1978	5 010	27 483	30 536	3 187	72 357	28 245	37 103	8 977
Farms by inventory:									
1 to 9	1982	52	108	206	36	83	206	144	37
	1978	49	100	228	32	119	145	149	35
10 to 19	1982	33	67	103	32	88	92	123	35
	1978	28	73	122	26	110	68	105	33
20 to 49	1982	27	90	150	45	224	96	135	46
	1978	32	107	122	44	265	103	144	46
50 to 99	1982	26	67	56	5	181	66	114	28
	1978	23	68	77	13	194	75	142	17
100 to 199	1982	11	61	55	2	148	50	80	12
	1978	8	56	46	3	134	57	87	14
200 to 499	1982	6	25	28	1	47	36	39	6
	1978	3	13	29	-	49	30	29	5
500 or more	farms, 1982	-	6	4	-	19	3	2	2
	1978	-	8	4	-	11	3	2	1
	number, 1982	-	3 944	4 699	-	22 808	2 706	(D)	(D)
	1978	-	7 218	3 807	-	17 322	2 056	(D)	(D)
Cows and heifers that had calved	farms, 1982	108	277	398	103	522	369	420	143
	1978	99	295	435	110	594	371	457	126
	number, 1982	2 347	11 361	13 083	1 423	22 649	12 509	15 739	4 080
	1978	1 778	9 194	12 998	1 732	20 959	12 684	16 392	3 755
1982 farms by inventory:									
1 to 4		37	48	102	29	25	110	79	31
5 to 9		21	25	62	21	46	56	49	24
10 to 19		19	49	88	23	92	46	62	29
20 to 49		21	72	63	28	201	64	116	38
50 to 99		5	60	52	2	112	56	75	14
100 to 199		4	19	20	-	35	33	34	5
200 to 499		1	3	10	-	11	3	4	1
500 or more	farms	-	1	1	-	-	1	1	1
	number	-	(D)	(D)	-	-	(D)	(D)	(D)
Beef cows	farms, 1982	80	119	198	52	111	212	202	112
	1978	74	127	231	56	155	199	207	102
	number, 1982	988	2 587	3 176	380	3 135	2 434	2 425	2 545
	1978	766	1 904	2 953	519	4 054	2 603	3 352	2 566
1982 farms by invantory:									
1 to 9		51	61	129	38	48	145	114	50
10 to 19		18	38	44	10	22	38	46	25
20 to 49		9	12	19	4	26	24	37	29
50 to 99		-	5	2	-	7	1	3	4
100 to 199		2	2	2	-	6	3	2	2
200 to 499		-	-	1	-	2	1	-	1
500 or mora	farms	-	1	1	-	-	-	-	1
	number	-	(D)	(D)	-	-	-	-	(D)
Milk cows	farms, 1982	37	172	219	65	437	184	236	42
	1978	35	184	231	67	478	200	279	32
	number, 1982	1 359	8 774	9 907	1 043	19 514	10 075	13 314	1 535
	1978	1 012	7 290	10 045	1 213	16 905	10 081	13 040	1 189
1982 farms by inventory:									
1 to 9		14	22	55	27	43	42	29	11
10 to 29		6	39	66	27	132	25	39	13
30 to 49		9	38	22	9	124	30	58	7
50 to 99		5	53	49	2	103	53	73	8
100 to 199		3	17	18	-	26	30	33	3
200 to 499		-	3	9	-	9	4	3	-
500 or more	farms	-	-	-	-	-	-	1	-
	number	-	-	-	-	-	-	(D)	-
Heifers and heifer calves	farms, 1982	106	280	423	102	556	364	420	133
	1978	99	297	434	98	600	377	468	124
	number, 1982	2 184	9 100	10 411	947	16 175	9 984	12 785	2 586
	1978	1 625	6 474	9 284	1 054	13 690	9 972	11 713	2 996
Steers, staer calves, bulls, and bull calves	farms, 1982	127	363	516	98	688	472	549	155
	1978	120	350	494	90	774	404	561	134
	number, 1982	1 800	7 635	8 757	471	38 448	6 003	10 287	4 501
	1978	1 607	11 815	8 254	401	37 708	5 589	8 998	2 226
SALES									
Dairy products sold	farms, 1982	23	158	186	50	425	149	215	31
	1978	25	158	182	60	462	171	249	26
	$1,000, 1982	2 257	13 504	15 192	1 367	29 090	16 671	21 077	2 377
	1978	1 205	8 386	12 091	1 167	18 944	11 912	14 825	1 335
Cattle and calvas sold	farms, 1982	138	379	527	98	776	486	591	151
	1978	127	395	551	114	881	433	601	145
	number, 1982	2 833	15 815	16 601	944	52 864	10 081	14 064	6 132
	1978	2 370	18 529	16 866	1 457	54 561	11 824	15 883	4 627
	$1,000, 1982	1 391	7 852	8 996	329	30 940	4 494	6 050	2 770
	1978	943	8 698	6 069	329	27 534	4 650	5 240	1 898
1982 farms by number sold:									
1 to 9		61	160	264	66	238	270	261	72
10 to 19		33	71	111	18	204	76	123	32
20 to 49		32	91	101	12	201	89	141	37
50 to 99		9	31	24	2	71	36	42	7
100 to 199		2	15	18	-	34	13	16	2
200 to 499		1	6	5	-	13	1	7	-
500 or more	farms	-	5	4	-	15	1	1	1
	number	-	5 380	5 557	-	29 847	(D)	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
INVENTORY								
Any cattle, hogs, or sheep—farms, 1982	72	573	689	417	58	833	4	97
1978	67	558	660	470	54	783	4	75
Cattle and calves—farms, 1982	71	528	584	329	53	746	4	93
1978	66	489	568	374	48	698	4	71
number, 1982	2 599	35 429	35 505	18 007	1 295	39 881	32	2 325
1978	2 138	32 387	35 121	19 440	1 393	38 242	34	1 916
Farms by inventory:								
1 to 9—1982	16	124	203	125	24	227	1	28
1978	12	97	185	137	11	182	2	20
10 to 19—1982	18	90	134	56	8	132	3	34
1978	20	89	117	81	12	126	2	25
20 to 49—1982	19	128	114	67	11	171	-	18
1978	21	128	118	68	14	170	-	15
50 to 99—1982	12	72	54	35	8	109	-	5
1978	9	71	72	31	9	110	-	7
100 to 199—1982	6	65	46	21	2	65	-	7
1978	4	66	47	30	2	74	-	4
200 to 499—1982	-	42	27	21	-	36	-	-
1978	-	32	20	22	-	31	-	-
500 or more—farms, 1982	-	7	6	4	-	6	-	-
1978	-	6	9	5	-	5	-	-
number, 1982	-	4 914	10 924	3 706	-	3 914	-	-
1978	-	4 210	11 617	3 663	-	3 100	-	-
Cows and heifers that had calved—farms, 1982	63	404	435	225	35	534	4	68
1978	63	388	428	249	43	513	4	66
number, 1982	1 558	13 538	12 799	5 520	551	16 904	16	1 052
1978	1 252	11 900	13 491	5 454	744	17 749	12	985
1982 farms by inventory:								
1 to 4	14	77	140	75	14	129	2	16
5 to 9	9	46	82	44	4	84	2	20
10 to 19	15	79	72	36	6	82	-	20
20 to 49	13	100	63	39	9	124	-	5
50 to 99	9	73	49	13	2	80	-	7
100 to 199	3	27	21	16	-	27	-	-
200 to 499	-	2	5	2	-	8	-	-
500 or more—farms	-	-	3	-	-	-	-	-
number	-	-	2 111	-	-	-	-	-
Beef cows—farms, 1982	54	220	314	162	23	313	3	54
1978	47	198	291	182	22	280	3	45
number, 1982	1 269	2 461	4 731	2 028	186	3 204	(D)	520
1978	898	2 101	5 235	1 850	223	4 435	7	477
1982 farms by inventory:								
1 to 9	24	118	200	102	15	209	3	35
10 to 19	10	65	63	33	6	62	-	15
20 to 49	10	32	35	23	2	33	-	2
50 to 99	7	4	10	1	-	7	-	2
100 to 199	3	1	4	3	-	2	-	-
200 to 499	-	-	1	-	-	-	-	-
500 or more—farms	-	-	1	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Milk cows—farms, 1982	19	217	147	71	18	245	2	24
1978	20	216	165	80	24	262	3	30
number, 1982	289	11 077	8 068	3 492	365	13 700	(D)	532
1978	354	9 799	8 256	3 604	521	13 314	5	508
1982 farms by inventory:								
1 to 9	9	27	47	22	7	26	2	12
10 to 29	6	46	16	10	6	53	-	6
30 to 49	2	51	20	13	3	61	-	2
50 to 99	2	65	39	11	2	72	-	4
100 to 199	-	27	19	13	-	25	-	-
200 to 499	-	1	5	2	-	8	-	-
500 or more—farms	-	-	1	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Heifers and heifer calves—farms, 1982	57	385	413	217	41	543	3	67
1978	54	386	418	241	42	527	4	60
number, 1982	637	10 199	10 225	5 333	459	13 790	7	761
1978	575	9 638	9 578	5 732	408	13 004	10	588
Steers, steer calves, bulls, and bull calves—farms, 1982	66	442	500	283	48	610	3	78
1978	61	410	488	307	41	548	3	59
number, 1982	404	11 692	12 481	7 154	285	9 187	9	512
1978	311	10 849	12 052	8 254	241	7 489	12	343
SALES								
Dairy products sold—farms, 1982	9	190	109	50	15	225	1	16
1978	15	197	123	63	17	242	-	17
$1,000, 1982	277	15 930	12 656	(D)	548	21 825	(D)	794
1978	223	11 485	9 621	4 301	397	15 625	-	494
Cattle and calves sold—farms, 1982	63	492	527	276	46	673	4	78
1978	60	458	518	340	41	650	3	61
number, 1982	1 276	15 801	18 866	10 432	519	15 816	7	856
1978	871	18 645	25 254	14 067	718	17 895	14	675
$1,000, 1982	375	8 236	9 574	5 444	278	6 280	2	298
1978	265	8 399	9 471	6 845	248	6 448	3	212
1982 farms by number sold:								
1 to 9	25	216	282	137	30	324	4	42
10 to 19	20	114	102	57	7	158	-	26
20 to 49	9	108	83	42	8	126	-	9
50 to 99	8	28	36	23	1	40	-	1
100 to 199	1	14	13	7	-	17	-	-
200 to 499	-	10	8	7	-	5	-	-
500 or more—farms	-	2	3	3	-	3	-	-
number	-	(D)	7 220	2 756	-	2 232	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY								
Any cattle, hogs, or sheep—farms, 1982	822	122	631	488	16	79	285	146
1978	783	131	726	454	17	69	310	157
Cattle and calves—farms, 1982	740	112	441	425	16	77	252	136
1978	709	123	509	399	17	65	281	146
number, 1982	36 040	5 670	31 688	23 961	1 258	4 144	10 113	2 938
1978	33 427	5 877	30 641	20 524	1 262	3 483	9 927	2 953
Farms by inventory:								
1 to 9—1982	241	26	166	150	1	14	90	44
1978	220	33	195	128	1	11	99	57
10 to 19—1982	131	19	74	77	1	17	57	38
1978	125	19	89	63	4	15	57	35
20 to 49—1982	150	34	66	74	7	17	53	42
1978	178	40	79	80	5	7	71	43
50 to 99—1982	116	19	45	52	4	17	32	9
1978	97	22	55	65	2	24	35	7
100 to 199—1982	71	13	43	38	-	10	16	3
1978	65	6	50	46	2	6	17	4
200 to 499—1982	25	-	36	30	3	2	3	-
1978	20	2	35	15	3	2	1	-
500 or more—farms, 1982	6	1	11	4	-	-	1	-
1978	4	1	6	2	-	-	1	-
number, 1982	5 119	(D)	8 454	2 925	-	-	(D)	-
1978	4 214	(D)	4 632	(D)	-	-	(D)	-
Cows and heifers that had calved—farms, 1982	543	79	240	302	13	69	192	116
1978	532	83	273	298	14	62	222	130
number, 1982	14 060	1 652	10 409	9 186	324	2 063	3 937	1 300
1978	12 993	1 565	9 649	8 641	301	1 822	4 341	1 302
1982 farms by inventory:								
1 to 4	134	15	60	90	-	17	55	40
5 to 9	94	14	46	52	3	9	36	31
10 to 19	81	23	23	40	4	6	33	26
20 to 49	128	15	37	63	5	24	45	16
50 to 99	85	11	37	32	1	11	20	3
100 to 199	20	1	31	20	-	1	3	-
200 to 499	1	-	6	5	-	1	-	-
500 or more—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Beef cows—farms, 1982	316	50	122	188	13	38	116	103
1978	283	53	139	169	14	31	134	117
number, 1982	3 265	616	2 172	1 957	324	716	995	1 041
1978	2 428	542	1 638	1 890	(D)	599	1 085	1 043
1982 farms by inventory:								
1 to 9	202	25	88	130	3	22	82	66
10 to 19	67	17	18	31	4	7	21	25
20 to 49	40	6	7	23	5	6	13	9
50 to 99	5	2	6	2	1	2	-	3
100 to 199	2	-	1	2	-	-	-	-
200 to 499	-	-	2	-	-	1	-	-
500 or more—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Milk cows—farms, 1982	269	34	125	131	-	33	92	20
1978	287	42	147	147	2	37	106	22
number, 1982	10 795	1 036	8 237	7 229	-	1 347	2 942	259
1978	10 565	1 023	8 011	6 751	(D)	1 223	3 256	259
1982 farms by inventory:								
1 to 9	63	9	24	29	-	5	25	13
10 to 29	54	11	10	15	-	6	29	2
30 to 49	56	4	25	34	-	12	15	5
50 to 99	77	9	32	30	-	9	20	-
100 to 199	18	1	30	19	-	1	3	-
200 to 499	1	-	4	4	-	-	-	-
500 or more—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves—farms, 1982	544	80	269	318	14	72	167	103
1978	520	84	294	295	14	56	195	117
number, 1982	10 653	1 158	9 024	7 713	282	1 441	2 896	663
1978	9 806	1 327	8 415	6 690	256	1 140	3 588	802
Steers, steer calves, bulls, and bull calves—farms, 1982	606	93	391	362	16	66	194	120
1978	580	99	438	324	17	52	221	124
number, 1982	11 327	2 860	12 255	7 062	652	640	3 280	975
1978	10 628	2 985	12 577	5 193	705	521	1 998	849
SALES								
Dairy products sold—farms, 1982	218	25	106	104	-	31	70	9
1978	235	31	128	122	-	31	81	13
$1,000, 1982	15 478	1 458	13 333	11 465	-	2 188	4 643	308
1978	11 880	1 040	9 678	7 936	-	1 447	3 457	165
Cattle and calves sold—farms, 1982	629	104	386	366	16	67	215	117
1978	633	106	454	363	17	59	248	123
number, 1982	16 897	4 065	18 493	12 876	1 055	1 553	5 927	1 395
1978	19 054	4 903	22 753	11 422	951	1 262	6 578	1 255
$1,000, 1982	8 648	2 359	9 319	6 230	409	503	3 155	534
1978	7 754	2 254	10 492	4 379	405	399	2 572	455
1982 farms by number sold:								
1 to 9	292	42	193	173	2	24	115	70
10 to 19	161	22	58	74	3	15	44	28
20 to 49	131	25	70	73	4	23	44	14
50 to 99	31	11	36	27	2	3	11	4
100 to 199	8	2	11	7	3	1	-	1
200 to 499	2	1	9	8	2	1	-	-
500 or more—farms	4	1	9	4	-	-	1	-
number	5 460	(D)	8 436	4 205	-	-	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY								
Any cattle, hogs, or sheep—farms, 1982	64	244	483	369	198	280	362	617
1978	72	226	424	382	199	261	377	619
Cattle and calves—farms, 1982	77	228	451	358	170	263	275	557
1978	70	210	389	365	165	245	246	548
number, 1982	2 075	11 997	20 675	21 332	8 995	23 877	9 549	26 072
1978	2 038	10 016	15 436	19 170	7 201	20 085	8 518	21 006
Farms by inventory:								
1 to 9—1982	35	64	124	72	80	31	154	165
1978	24	57	96	59	69	33	124	171
10 to 19—1982	14	47	83	48	33	25	47	101
1978	18	39	83	63	35	28	38	108
20 to 49—1982	19	47	116	103	37	50	31	128
1978	17	56	104	106	38	50	36	126
50 to 99—1982	4	37	80	71	12	56	22	81
1878	6	30	63	83	14	73	27	91
100 to 199—1982	3	18	39	43	3	68	11	60
1978	4	20	37	39	5	44	10	38
200 to 499—1982	2	14	8	20	3	33	8	21
1978	1	6	6	15	2	16	11	14
500 or more—farms, 1982	–	1	1	1	2	–	2	1
1978	–	2	–	–	2	1	–	–
number, 1982	–	(D)	(D)	(D)	(D)	–	(D)	(D)
1978	–	(D)	–	–	(D)	(D)	–	–
Cows and heifers that had calved—farms, 1982	72	169	372	319	131	224	114	385
1978	64	160	323	328	128	220	113	401
number, 1982	1 002	4 438	8 900	9 966	1 558	11 525	1 863	11 597
1978	1 161	4 034	7 158	9 816	1 785	9 958	1 574	10 120
1982 farms by inventory:								
1 to 4	30	44	88	49	58	18	57	88
5 to 9	17	29	49	39	28	13	17	57
10 to 19	9	28	86	72	23	25	13	54
20 to 49	13	41	100	99	17	62	17	96
50 to 99	1	13	39	41	3	76	8	68
100 to 199	2	14	9	19	2	28	1	21
200 to 499	–	–	1	–	–	2	1	1
500 or more—farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Beef cows—farms, 1982	52	78	226	127	113	56	68	164
1978	47	75	192	131	101	52	58	172
number, 1982	408	585	2 740	1 690	908	931	626	1 236
1978	378	927	2 073	1 858	919	2 018	243	1 432
1982 farms by inventory:								
1 to 9	39	58	128	68	81	27	55	119
10 to 19	8	13	56	37	21	18	8	30
20 to 49	5	7	32	16	11	7	2	15
50 to 99	–	–	10	5	–	3	3	–
100 to 199	–	–	–	1	–	1	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more—farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Milk cows—farms, 1982	30	104	176	213	29	178	58	245
1978	29	98	156	225	42	173	61	256
number, 1982	594	3 853	6 160	8 276	650	10 594	1 237	10 361
1978	783	3 107	5 085	7 958	866	7 940	1 331	8 688
1982 farms by inventory:								
1 to 9	17	27	41	36	15	10	31	50
10 to 29	6	30	55	67	8	25	8	51
30 to 49	5	22	41	56	2	42	12	54
50 to 99	–	11	30	36	3	73	6	68
100 to 199	2	14	8	18	1	26	–	21
200 to 499	–	–	1	–	–	2	1	1
500 or more—farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves—farms, 1982	57	166	363	297	124	226	133	418
1978	50	167	318	315	130	214	113	408
number, 1982	681	3 945	7 643	8 497	3 157	9 687	1 406	9 083
1978	590	3 133	5 095	7 128	1 487	7 526	1 266	7 081
Steers, steer calves, bulls, and bull calves—farms, 1982	72	185	393	272	145	194	235	467
1978	58	169	325	270	140	187	198	438
number, 1982	392	3 614	4 132	2 869	4 280	2 665	6 280	5 392
1978	287	2 849	3 183	2 226	3 929	2 601	5 678	3 805
SALES								
Dairy products sold—farms, 1982	16	84	145	186	15	172	31	216
1978	22	84	129	207	25	157	38	215
$1,000, 1982	775	6 499	9 162	12 616	1 003	17 778	1 984	14 979
1978	761	3 273	5 520	8 438	895	9 916	1 255	9 421
Cattle and calves sold—farms, 1982	59	212	389	331	134	252	224	492
1978	57	187	349	346	147	237	209	474
number, 1982	655	5 403	12 365	8 553	7 684	8 478	12 161	8 461
1978	649	5 288	4 977	7 218	6 537	7 589	8 986	7 693
$1,000, 1982	204	2 452	5 398	1 962	4 769	2 997	6 762	3 042
1978	177	2 253	1 465	1 810	2 983	2 202	4 153	2 240
1982 farms by number sold:								
1 to 9	39	114	213	116	95	57	123	237
10 to 19	9	44	87	96	19	47	45	122
20 to 49	10	25	73	97	11	109	27	101
50 to 99	1	16	11	16	4	28	11	23
100 to 199	–	9	4	6	2	9	5	7
200 to 499	–	3	–	–	–	1	8	2
500 or more—farms	–	1	1	–	3	1	5	–
number	–	(D)	(D)	–	6 275	(D)	6 505	–

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item			Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY										
Any cattle, hogs, or sheep	farms,	1982	79	274	488	252	322	228	111	421
		1978	74	280	496	210	314	217	107	395
Cattle and calves	ferms,	1982	72	246	451	213	291	216	101	402
		1978	70	248	439	173	277	210	107	376
	number,	1982	3 261	13 359	22 761	6 371	13 417	14 498	3 801	22 518
		1978	3 107	12 239	18 652	6 229	11 321	12 398	4 069	18 832
Farms by inventory:										
1 to 9		1982	12	73	140	97	70	31	17	76
		1978	18	83	133	72	81	35	23	73
10 to 19		1982	14	47	76	44	70	27	23	55
		1978	10	45	83	28	56	36	23	73
20 to 49		1982	25	56	94	41	83	80	38	130
		1978	20	55	93	40	72	72	33	103
50 to 99		1982	15	31	70	17	31	34	15	79
		1978	15	33	74	19	42	25	21	78
100 to 199		1982	3	25	50	9	23	25	6	38
		1978	4	21	46	10	17	26	6	31
200 to 499		1982	3	11	19	4	13	18	2	23
		1978	3	10	10	3	9	16	1	18
500 or more	farms,	1982	-	3	2	1	1	1	-	1
		1978	-	1	-	1	-	-	-	-
	number,	1982	-	2 250	(D)	(D)	(D)	(D)	-	(D)
		1978	-	(D)	-	(D)	-	-	-	-
Cows and heifers that had calved	farms,	1982	60	186	348	154	206	182	83	354
		1978	58	190	349	136	194	166	98	334
	number,	1982	1 741	5 255	9 999	2 906	4 466	5 796	1 725	11 252
		1978	1 612	4 585	9 015	2 682	3 997	5 111	2 246	9 682
1982 farms by inventory:										
1 to 4			9	60	90	64	55	23	19	55
5 to 9			10	24	55	30	47	30	14	54
10 to 19			11	20	54	21	37	41	21	66
20 to 49			19	47	73	24	45	44	22	106
50 to 99			7	28	51	11	14	32	4	49
100 to 199			4	4	24	2	8	12	3	22
200 to 499			-	3	1	2	-	-	-	2
500 or more	farms		-	-	-	-	-	-	-	-
	number		-	-	-	-	-	-	-	-
Beef cows	farms,	1982	36	100	186	124	134	110	56	205
		1978	35	103	174	101	114	89	61	191
	number,	1982	423	666	1 560	1 795	1 482	1 550	983	3 158
		1978	526	770	1 530	1 289	1 675	1 194	1 461	2 594
1982 farms by inventory:										
1 to 9			18	75	131	83	93	52	28	102
10 to 19			9	18	37	22	25	36	14	45
20 to 49			9	7	16	14	13	17	10	46
50 to 99			-	-	2	3	1	4	2	12
100 to 199			-	-	-	-	2	1	2	-
200 to 499			-	-	-	2	-	-	-	-
500 or more	farms		-	-	-	-	-	-	-	-
	number		-	-	-	-	-	-	-	-
Milk cows	farms,	1982	32	103	184	46	93	89	37	172
		1978	32	105	198	52	92	90	49	171
	number,	1982	1 318	4 589	8 439	1 111	2 984	4 246	742	8 094
		1978	1 086	3 815	7 485	1 393	2 322	3 917	785	7 088
1982 farms by inventory:										
1 to 9			8	24	36	24	30	14	15	29
10 to 29			5	16	41	6	24	25	11	40
30 to 49			9	28	33	7	20	13	8	42
50 to 99			6	28	49	7	13	26	2	38
100 to 199			4	4	24	2	6	11	1	21
200 to 499			-	3	1	-	-	-	-	2
500 or more	farms		-	-	-	-	-	-	-	-
	number		-	-	-	-	-	-	-	-
Heifers and heifer calves	farms,	1982	54	182	362	151	210	176	82	335
		1978	59	190	351	119	211	164	78	309
	number,	1982	1 142	4 316	7 958	2 107	3 741	5 634	1 197	7 826
		1978	1 018	4 137	6 550	2 209	3 488	4 289	1 161	6 030
Steers, steer calves, bulls, and bull calves	farms,	1982	57	201	343	182	248	192	89	344
		1978	58	195	337	123	221	180	92	313
	number,	1982	378	3 788	4 804	1 358	5 210	3 068	879	3 440
		1978	477	3 517	3 087	1 338	3 836	2 998	662	3 120
SALES										
Dairy products sold	farms,	1982	25	82	154	23	68	76	27	150
		1978	23	83	170	35	70	78	35	150
	$1,000,	1982	(D)	7 638	12 847	1 499	4 781	6 154	974	12 764
		1978	1 195	4 550	8 616	1 507	2 567	4 232	696	8 062
Cattle and calves sold	ferms,	1982	66	224	393	183	262	205	92	377
		1978	65	219	389	148	248	204	100	354
	number,	1982	1 169	5 553	8 185	2 485	7 840	4 508	1 600	7 369
		1978	1 279	6 763	6 779	3 364	6 114	4 733	1 653	6 487
	$1,000,	1982	308	2 603	2 792	991	3 369	1 837	515	2 458
		1978	360	2 715	1 820	1 145	2 258	1 519	512	1 685
1982 farms by number sold:										
1 to 9			25	111	187	125	124	77	39	157
10 to 19			16	50	99	24	61	59	31	98
20 to 49			23	44	75	24	47	47	16	82
50 to 99			2	12	25	6	17	19	4	35
100 to 199			-	3	5	3	10	1	1	5
200 to 499			-	2	1	1	1	2	1	-
500 or more	farms		-	2	1	-	2	-	-	-
	number		-	(D)	(D)	-	(D)	-	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginew	St. Clair	St. Joseph
INVENTORY									
Any cattle, hogs, or sheep	farms, 1982	67	89	909	227	21	466	639	560
	1978	53	80	885	247	16	519	621	598
Cattle and calves	farms, 1982	60	82	788	224	20	406	573	396
	1978	50	79	749	243	16	445	567	423
	number, 1982	3 501	4 034	48 225	10 596	321	15 543	22 094	18 318
	1978	2 794	3 183	38 489	10 713	392	15 476	21 851	18 593
Farms by inventory:									
1 to 9	1982	10	11	219	33	7	150	183	137
	1978	8	7	207	40	5	164	177	127
10 to 19	1982	6	9	116	50	6	65	126	81
	1978	6	15	127	40	3	76	98	69
20 to 49	1982	22	35	180	81	7	100	148	117
	1978	19	40	171	97	5	113	163	121
50 to 99	1982	12	22	118	36	-	54	75	44
	1978	8	12	122	43	3	58	82	64
100 to 199	1982	6	2	108	14	-	26	27	24
	1978	6	3	98	16	-	26	36	24
200 to 499	1982	4	2	38	10	-	10	12	11
	1978	3	2	20	7	-	8	8	16
500 or more	farms, 1982	-	1	9	-	-	1	2	2
	1978	-	-	4	-	-	-	3	2
	number, 1982	-	(D)	7 150	-	-	(D)	(D)	(D)
	1978	-	-	3 918	-	-	-	2 565	(D)
Cows and heifers that had calved	farms, 1982	51	63	555	188	19	260	456	265
	1978	45	72	539	210	15	282	444	306
	number, 1982	1 660	1 477	19 098	4 784	163	5 981	10 364	5 943
	1978	1 211	1 570	17 227	5 192	239	6 376	9 180	7 065
1982 farms by inventory:									
1 to 4		6	14	118	30	6	85	143	59
5 to 9		5	1	74	32	6	44	90	50
10 to 19		11	21	92	50	5	33	76	80
20 to 49		19	21	127	53	2	59	103	47
50 to 99		6	3	101	15	-	28	34	20
100 to 199		4	3	39	5	-	10	7	8
200 to 499		-	-	3	3	-	1	2	-
500 or more	farms	-	-	1	-	-	-	1	1
	number	-	-	(D)	-	-	-	(D)	(D)
Beef cows	farms, 1982	17	33	289	136	17	141	302	151
	1978	17	51	257	153	13	135	262	164
	number, 1982	554	630	4 155	2 288	160	1 352	4 818	1 726
	1978	276	954	3 562	2 962	231	1 182	2 724	2 229
1982 farms by inventory:									
1 to 9		5	11	180	56	10	105	210	73
10 to 19		3	12	72	38	5	25	59	53
20 to 49		6	8	29	34	2	9	26	25
50 to 99		2	1	6	7	-	1	4	-
100 to 199		1	1	1	1	-	-	1	-
200 to 499		-	-	-	-	-	1	1	-
500 or more	farms	-	-	1	-	-	-	1	-
	number	-	-	(D)	-	-	-	(D)	-
Milk cows	farms, 1982	37	34	289	66	3	129	186	135
	1978	34	30	310	76	3	163	225	170
	number, 1982	1 106	847	14 943	2 496	3	4 629	5 546	4 217
	1978	935	616	13 665	2 230	8	5 194	6 456	4 836
1982 farms by inventory:									
1 to 9		9	7	30	17	3	33	56	51
10 to 29		17	18	57	24	-	33	53	45
30 to 49		4	4	67	9	-	27	39	13
50 to 99		4	4	94	9	-	26	31	17
100 to 199		3	1	39	5	-	10	6	8
200 to 499		-	-	2	2	-	-	1	-
500 or more	farms	-	-	-	-	-	-	-	1
	number	-	-	-	-	-	-	-	(D)
Heifers and heifer calves	farms, 1982	48	63	562	183	13	238	437	278
	1978	44	65	549	192	11	281	434	320
	number, 1982	1 101	825	15 977	3 134	66	4 386	6 462	5 403
	1978	1 020	891	14 103	3 123	62	4 390	6 100	5 432
Steers, steer calves, bulls, and bull calves	farms, 1982	55	73	598	201	17	335	451	341
	1978	44	69	557	209	15	346	452	370
	number, 1982	740	1 732	13 150	2 678	92	5 176	5 268	4 970
	1978	563	722	7 159	2 398	91	4 710	6 571	6 098
SALES									
Dairy products sold	farms, 1982	32	29	266	50	1	101	135	113
	1978	29	21	278	64	-	134	179	144
	$1,000, 1982	1 538	(D)	24 738	3 312	(D)	7 004	7 684	6 378
	1978	1 003	510	16 585	2 096	-	5 825	7 019	5 204
Cattle and calves sold	farms, 1982	55	82	720	210	17	343	503	345
	1978	49	84	718	237	16	393	510	386
	number, 1982	1 491	2 289	30 642	3 830	158	6 788	11 417	6 444
	1978	1 249	1 885	22 610	4 747	152	9 343	14 782	9 951
	$1,000, 1982	486	799	12 987	1 299	47	3 150	5 411	3 104
	1978	446	601	7 394	1 488	43	3 387	6 295	4 142
1982 farms by number sold:									
1 to 9		19	33	293	92	12	176	284	197
10 to 19		16	20	164	60	4	76	100	69
20 to 49		11	20	163	43	1	64	97	57
50 to 99		5	7	67	9	-	21	14	14
100 to 199		4	-	19	6	-	2	4	4
200 to 499		-	1	4	-	-	3	2	2
500 or more	farms	-	1	10	-	-	1	2	2
	number	-	(D)	14 134	-	-	(D)	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY									
Any cattle, hogs, or sheep	farms, 1982	1 038	37	594	628	506	656	84	134
	1978	1 077	42	576	610	541	685	66	122
Cattle and calves	farms, 1982	966	36	505	555	382	504	67	119
	1978	1 006	41	495	538	396	527	50	111
	number, 1982	75 188	1 907	24 463	23 838	11 376	27 051	747	4 549
	1978	69 112	2 182	26 376	23 607	14 020	27 934	604	3 857
Farms by inventory:									
1 to 9	1982	150	9	162	162	163	172	47	39
	1978	141	9	165	156	180	149	35	37
10 to 19	1982	110	9	98	116	73	72	9	23
	1978	124	3	78	110	58	85	7	20
20 to 49	1982	224	7	100	138	89	102	8	23
	1978	270	15	108	134	94	115	4	29
50 to 99	1982	212	3	69	78	33	74	3	24
	1978	234	6	72	75	34	94	4	17
100 to 199	1982	188	6	50	39	15	55	-	7
	1978	181	6	55	49	22	59	-	5
200 to 499	1982	75	2	23	20	8	27	-	3
	1978	50	2	12	12	6	23	-	3
500 or more	farms, 1982	7	-	3	2	1	2	-	-
	1978	6	-	5	2	2	2	-	-
	number, 1982	5 839	-	1 933	(D)	(D)	(D)	-	-
	1978	4 286	-	5 589	(D)	(D)	(D)	-	-
Cows and heifers that had calved	farms, 1982	750	31	353	388	262	336	48	89
	1978	790	36	357	388	282	342	31	92
	number, 1982	33 229	1 041	10 494	9 863	4 430	10 646	354	2 165
	1978	33 010	1 052	12 757	9 521	4 732	10 769	275	1 862
1982 farms by inventory:									
1 to 4		81	7	82	95	102	97	33	19
5 to 9		61	6	60	77	44	42	7	16
10 to 19		79	6	53	68	55	48	3	14
20 to 49		272	7	91	87	36	74	3	31
50 to 99		181	-	44	40	18	49	2	6
100 to 199		68	5	20	19	6	24	-	3
200 to 499		8	-	3	2	1	2	-	-
500 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Beef cows	farms, 1982	223	27	187	238	184	206	40	51
	1978	226	29	167	220	196	192	19	54
	number, 1982	2 338	(D)	2 169	2 408	2 205	2 459	(D)	647
	1978	2 872	892	1 677	1 905	1 895	2 370	187	441
1982 farms by inventory:									
1 to 9		143	11	127	155	122	126	34	31
10 to 19		51	6	33	56	36	38	3	10
20 to 49		27	5	23	22	18	35	3	8
50 to 99		1	-	2	2	7	6	-	2
100 to 199		-	5	1	3	-	1	-	-
200 to 499		1	-	1	-	1	-	-	-
500 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Milk cows	farms, 1982	565	4	179	187	95	147	11	40
	1978	622	9	215	205	115	182	16	46
	number, 1982	30 891	(D)	8 325	7 455	2 225	8 187	(D)	1 518
	1978	30 138	160	11 080	7 616	2 837	8 399	88	1 421
1982 farms by inventory:									
1 to 9		31	2	28	49	41	26	9	6
10 to 29		131	-	42	41	27	21	-	9
30 to 49		148	2	46	42	12	30	-	18
50 to 99		181	-	42	37	9	45	2	4
100 to 199		67	-	19	16	6	24	-	3
200 to 499		7	-	2	2	-	1	-	-
500 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Heifers and heifer calves	farms, 1982	799	24	332	378	276	308	35	93
	1978	843	34	350	383	279	357	23	87
	number, 1982	27 701	371	7 998	7 586	3 243	7 827	156	1 486
	1978	24 331	655	8 978	6 620	4 522	8 885	147	1 218
Steers, steer calves, bulls, and bull calves	farms, 1982	774	31	414	477	332	421	48	105
	1978	769	33	401	455	327	442	40	99
	number, 1982	14 258	495	5 971	6 389	3 703	8 578	237	898
	1978	11 771	475	4 641	7 466	4 766	8 280	182	777
SALES									
Dairy products sold	farms, 1982	544	3	155	147	60	123	2	35
	1978	596	5	189	164	79	149	1	37
	$1,000, 1982	47 630	(D)	13 019	11 913	3 236	12 678	(D)	2 066
	1978	35 348	(D)	13 272	8 518	3 042	9 899	(D)	1 508
Cattle and calves sold	farms, 1982	912	30	448	498	310	467	42	106
	1978	972	36	439	491	329	500	34	93
	number, 1982	26 510	1 097	8 796	8 548	6 370	13 530	302	1 771
	1978	27 958	930	10 936	10 977	9 484	15 992	395	1 383
	$1,000, 1982	10 172	369	3 920	3 865	2 504	7 080	99	611
	1978	8 641	306	3 940	4 167	3 835	6 323	144	358
1982 farms by number sold:									
1 to 9		299	12	238	256	196	200	34	43
10 to 19		232	6	85	111	61	113	3	30
20 to 49		267	4	84	96	40	93	4	26
50 to 99		79	5	34	27	7	41	1	7
100 to 199		25	3	5	6	2	11	-	-
200 to 499		7	-	1	2	1	7	-	-
500 or more	farms	3	-	1	-	3	2	-	-
	number	3 700	-	(D)	-	2 600	(D)	-	-

Table 11. **Cattle and Calves—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
SALES—Con.							
Cattle and calves sold—Con.							
Calves sold—farms, 1982	10 740	111	25	362	136	50	73
1978	11 772	105	41	400	122	58	111
number, 1982	175 360	1 422	375	13 136	1 629	848	1 351
1978	188 752	1 512	645	12 182	1 529	1 045	1 360
$1,000, 1982	27 742	317	41	3 124	288	95	227
1978	25 396	358	111	2 086	249	135	140
1982 farms by number sold:							
1 to 9	5 743	59	13	151	77	21	36
10 to 19	2 582	34	1	95	39	14	23
20 to 49	1 905	13	11	78	17	11	10
50 to 99	386	4	-	18	2	4	2
100 to 199	81	1	-	11	1	-	-
200 to 499	22	-	-	4	-	-	2
500 or more—farms	21	-	-	5	-	-	-
number	25 220	-	-	5 487	-	-	-
Cattle sold—farms, 1982	20 499	173	39	667	241	96	139
1978	20 357	125	54	702	209	100	152
number, 1982	466 700	3 032	712	16 378	2 624	2 786	2 135
1978	487 021	2 226	712	16 227	3 415	1 979	3 113
$1,000, 1982	268 138	1 307	294	10 161	1 148	1 519	1 078
1978	235 218	834	293	7 831	1 427	1 008	1 404
1982 farms by number sold:							
1 to 9	12 091	100	16	360	152	49	79
10 to 19	4 254	41	13	144	52	18	34
20 to 49	2 848	17	6	97	29	13	21
50 to 99	783	5	3	38	8	11	3
100 to 199	256	10	1	18	-	3	1
200 to 499	161	-	-	8	-	1	1
500 or more—farms	106	-	-	2	-	1	-
number	148 354	-	-	(D)	-	(D)	-
Cattle fattened on grain and concentrates sold—farms, 1982	9 025	28	9	323	80	35	60
1978	8 641	29	10	334	60	34	52
number, 1982	278 412	271	44	9 100	507	1 437	678
1978	285 893	312	36	8 726	831	1 040	1 476
$1,000, 1982	173 440	164	15	5 699	281	913	413
1978	148 029	118	21	4 297	377	664	788
1982 farms by number sold:							
1 to 9	5 797	22	8	193	61	21	44
10 to 19	1 616	4	1	56	15	8	6
20 to 49	956	-	-	39	4	-	8
50 to 99	307	2	-	19	-	2	1
100 to 199	146	-	-	10	-	2	1
200 to 499	110	-	-	4	-	1	-
500 or more—farms	93	-	-	2	-	1	-
number	135 324	-	-	(D)	-	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold	farms, 1982	23	278	51	18	79	180	238
	1978	40	249	70	20	107	189	252
	number, 1982	335	4 786	518	102	798	1 660	5 659
	1978	388	4 438	851	103	1 507	2 490	5 389
	$1,000, 1982	44	795	65	14	101	226	1 479
	1978	62	714	88	23	215	397	1 091
1982 farms by number sold:								
1 to 9		9	157	30	17	54	115	146
10 to 19		9	68	15	-	19	42	47
20 to 49		5	39	6	1	4	21	37
50 to 99		-	9	-	-	1	1	7
100 to 199		-	2	-	-	1	1	-
200 to 499		-	2	-	-	-	-	-
500 or more	farms	-	1	-	-	-	-	1
	number	-	(D)	-	-	-	-	(D)
Cattle sold	farms, 1982	36	449	106	38	241	373	484
	1978	46	407	112	37	231	356	513
	number, 1982	347	6 352	1 160	718	2 199	14 193	10 742
	1978	382	6 712	1 748	1 130	2 583	13 542	12 546
	$1,000, 1982	162	3 464	626	425	1 157	9 089	6 139
	1978	156	3 136	781	604	1 163	6 351	5 861
1982 farms by number sold:								
1 to 9		26	280	73	25	170	224	279
10 to 19		3	92	17	6	44	75	99
20 to 49		6	58	11	2	22	43	65
50 to 99		1	13	4	2	4	18	26
100 to 199		-	1	1	3	1	3	8
200 to 499		-	5	-	-	-	5	4
500 or more	farms	-	-	-	-	-	5	3
	number	-	-	-	-	-	8 160	2 456
Cattle fattened on grain and concentrates sold	farms, 1982	11	185	58	15	140	165	254
	1978	9	163	55	18	127	179	231
	number, 1982	51	2 899	701	518	1 213	10 661	7 526
	1978	30	3 256	1 189	986	1 406	8 041	7 599
	$1,000, 1982	21	1 698	410	337	677	7 468	4 684
	1978	13	1 528	572	545	644	4 561	3 669
1982 farms by number sold:								
1 to 9		10	131	37	9	101	100	142
10 to 19		1	28	12	1	26	30	51
20 to 49		-	16	5	1	11	22	34
50 to 99		-	6	4	1	1	5	16
100 to 199		-	-	-	3	1	1	4
200 to 499		-	4	-	-	-	2	4
500 or more	farms	-	-	-	-	-	5	3
	number	-	-	-	-	-	8 160	2 456

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Item	Cess	Cherlevoix	Cheboygan	Chippewe	Clere	Clinton	Crawford
SALES—Con.							
Cattle end calves sold—Con.							
Calves sold—farms, 1982	118	110	79	147	86	240	3
1978	153	79	84	145	99	258	4
number, 1982	2 442	1 102	1 474	1 529	1 336	4 362	(D)
1978	2 750	971	1 002	1 646	1 448	4 994	12
$1,000, 1982	535	171	225	257	145	444	(D)
1978	550	149	233	278	243	510	3
1982 farms by number sold:							
1 to 9	66	68	45	85	42	93	3
10 to 19	23	22	14	40	26	72	-
20 to 49	25	20	15	19	13	58	-
50 to 99	2	-	2	3	2	14	-
100 to 199	1	-	2	-	3	2	-
200 to 499	-	-	1	-	-	1	-
500 or more—farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
Cattle sold—farms, 1982	290	137	112	188	163	537	10
1978	319	139	107	190	157	530	8
number, 1982	4 957	1 391	1 345	1 936	4 717	10 269	(D)
1978	5 794	1 491	1 121	2 218	4 077	12 657	49
$1,000, 1982	2 585	565	538	812	2 381	6 138	(D)
1978	2 685	585	390	813	1 953	6 370	17
1982 farms by number sold:							
1 to 9	177	93	65	131	72	284	9
10 to 19	67	19	23	28	45	123	1
20 to 49	35	23	21	25	34	92	-
50 to 99	6	2	3	3	5	25	-
100 to 199	2	-	-	1	1	8	-
200 to 499	2	-	-	-	5	3	-
500 or more—farms	1	-	-	-	1	2	-
number	(D)	-	-	-	(D)	(D)	-
Cattle fattened on grain end concentrates sold—farms, 1982	173	41	34	45	45	260	3
1978	189	33	31	34	46	283	2
number, 1982	3 441	326	222	236	1 185	4 840	3
1978	3 651	267	170	207	1 095	6 572	(D)
$1,000, 1982	1 917	131	86	121	785	3 105	1
1978	1 655	109	63	75	602	3 359	(D)
1982 farms by number sold:							
1 to 9	115	32	28	37	26	159	3
10 to 19	35	4	3	5	8	54	-
20 to 49	15	4	2	3	8	30	-
50 to 99	4	1	1	-	1	9	-
100 to 199	1	-	-	-	-	4	-
200 to 499	2	-	-	-	2	3	-
500 or more—farms	1	-	-	-	-	1	-
number	(D)	-	-	-	-	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold	farms, 1982	110	52	232	87	113	134	35
	1978	135	48	227	75	103	123	29
	number, 1982	1 648	660	2 603	1 055	1 509	1 257	223
	1978	2 159	617	3 046	837	1 433	1 264	239
	$1,000, 1982	297	98	412	200	199	187	40
	1978	350	89	357	148	178	175	40
1982 farms by number sold:								
1 to 9		52	25	145	50	71	94	29
10 to 19		32	18	52	15	18	27	5
20 to 49		23	7	27	20	18	9	1
50 to 99		2	2	6	2	5	3	-
100 to 199		1	-	2	-	1	1	-
200 to 499		-	-	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Cattle sold	farms, 1982	180	67	484	134	273	248	42
	1978	166	57	454	125	253	230	40
	number, 1982	1 929	470	7 022	1 375	10 492	3 084	208
	1978	1 967	384	6 343	1 367	10 544	2 964	308
	$1,000, 1982	827	193	3 784	558	6 316	1 651	95
	1978	803	150	2 766	513	5 602	1 268	106
1982 farms by number sold:								
1 to 9		128	50	313	98	173	143	39
10 to 19		21	11	91	18	54	67	1
20 to 49		26	6	61	16	29	32	2
50 to 99		4	-	14	1	4	5	-
100 to 199		1	-	2	-	2	-	-
200 to 499		-	-	1	1	5	1	-
500 or more	farms	-	-	2	-	6	-	-
	number	-	-	(D)	-	6 255	-	-
Cattle fattened on grain and concentrates sold	farms, 1982	50	12	212	37	160	98	8
	1978	32	10	203	19	149	66	4
	number, 1982	415	55	3 514	215	8 404	1 455	15
	1978	209	59	2 842	223	7 950	904	8
	$1,000, 1982	190	25	2 026	98	5 235	940	8
	1978	87	27	1 313	103	4 452	453	4
1982 farms by number sold:								
1 to 9		42	10	140	32	109	58	8
10 to 19		2	1	36	3	27	24	-
20 to 49		4	1	26	2	12	14	-
50 to 99		2	-	6	-	2	1	-
100 to 199		-	-	2	-	1	-	-
200 to 499		-	-	1	-	4	1	-
500 or more	farms	-	-	1	-	5	-	-
	number	-	-	(D)	-	5 755	-	-

Table 11. **Cattle and Calves—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionie	Iosco
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	48	196	246	56	266	190	228	80
1978	50	199	280	87	348	213	304	71
number, 1982	682	2 860	3 720	398	4 331	3 079	3 995	760
1978	618	3 166	4 384	752	5 732	3 574	6 046	916
$1,000, 1982	115	288	622	38	495	278	419	155
1978	130	374	499	76	776	328	806	176
1982 farms by number sold:								
1 to 9	22	101	143	39	111	105	99	51
10 to 19	17	38	52	14	79	31	63	18
20 to 49	5	44	40	3	59	37	54	10
50 to 99	4	13	8	-	15	15	10	1
100 to 199	-	-	2	-	1	2	1	-
200 to 499	-	-	-	-	1	-	-	-
500 or more—farms	-	-	1	-	-	-	1	-
number	-	-	(D)	-	-	-	(D)	-
Cattle sold—farms, 1982	130	335	465	91	710	462	533	129
1978	113	359	483	91	775	395	513	130
number, 1982	2 151	12 955	12 881	546	48 533	7 002	10 069	5 372
1978	1 752	15 363	12 482	705	48 829	8 250	9 837	3 711
$1,000, 1982	1 276	7 563	8 374	291	30 445	4 215	5 631	2 615
1978	813	8 324	5 570	253	26 759	4 322	4 434	1 722
1982 farms by number sold:								
1 to 9	71	171	272	78	283	295	271	74
10 to 19	24	72	92	8	188	68	115	27
20 to 49	27	55	67	4	126	74	102	21
50 to 99	7	16	16	1	59	18	30	5
100 to 199	-	10	10	-	27	5	9	1
200 to 499	1	6	5	-	12	1	6	-
500 or more—farms	-	5	3	-	15	1	-	1
number	-	5 380	4 969	-	29 847	(D)	-	(D)
Cattle fattened on grain and concentrates sold—farms, 1982	74	151	220	16	360	226	264	39
1978	65	150	229	9	417	168	230	30
number, 1982	1 147	9 513	8 029	53	41 736	2 303	5 247	(D)
1978	864	11 896	8 069	24	40 377	4 606	4 534	2 171
$1,000, 1982	709	6 010	5 483	25	26 941	1 315	3 239	(D)
1978	415	6 623	3 566	9	23 083	2 443	2 237	1 085
1982 farms by number sold:								
1 to 9	43	86	144	14	128	167	154	21
10 to 19	17	28	46	2	89	30	45	9
20 to 49	10	14	19	-	68	22	39	7
50 to 99	3	7	2	-	29	4	15	1
100 to 199	-	5	4	-	21	3	8	-
200 to 499	1	6	2	-	10	-	3	-
500 or more—farms	-	5	3	-	15	-	-	1
number	-	5 380	4 969	-	29 847	-	-	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	36	233	223	89	16	315	2	46
1978	41	253	217	104	20	335	3	33
number, 1982	657	2 890	3 243	1 075	164	5 331	(D)	326
1978	435	3 898	4 127	1 265	211	6 724	(D)	268
$1,000, 1982	138	410	438	150	28	588	(D)	51
1978	107	778	485	234	30	875	(D)	51
1982 farms by number sold:								
1 to 9	14	134	133	54	12	168	2	37
10 to 19	12	53	40	14	-	81	-	6
20 to 49	7	35	41	19	4	49	-	2
50 to 99	2	9	6	2	-	9	-	1
100 to 199	1	2	1	-	-	6	-	-
200 to 499	-	-	2	-	-	1	-	-
500 or more—farms	-	-	-	-	-	1	-	-
number	-	-	-	-	-	(D)	-	-
Cattle sold—farms, 1982	48	438	467	257	42	602	3	73
1978	46	399	476	312	30	576	3	53
number, 1982	619	12 911	15 623	9 357	355	10 485	(D)	530
1978	436	15 747	21 127	12 802	507	11 171	(D)	407
$1,000, 1982	237	7 826	9 137	5 294	250	5 692	(D)	247
1978	158	7 620	8 986	6 611	218	5 573	(D)	162
1982 farms by number sold:								
1 to 9	30	248	279	142	30	352	3	54
10 to 19	10	84	88	53	6	134	-	14
20 to 49	5	67	56	31	6	75	-	5
50 to 99	3	17	25	14	-	30	-	-
100 to 199	-	11	9	7	-	4	-	-
200 to 499	-	9	7	7	-	5	-	-
500 or more—farms	-	2	3	3	-	2	-	-
number	-	(D)	7 010	2 756	-	(D)	-	-
Cattle fattened on grain and concentrates sold—farms, 1982	11	177	240	144	22	295	1	27
1978	6	145	249	202	11	243	-	11
number, 1982	31	8 238	10 859	4 873	89	4 916	(D)	187
1978	20	10 423	10 487	9 991	71	5 275	-	46
$1,000, 1982	16	5 371	6 822	3 208	51	2 667	(D)	92
1978	8	5 280	5 377	5 170	29	2 575	-	16
1982 farms by number sold:								
1 to 9	10	101	147	92	19	192	1	19
10 to 19	1	34	43	25	3	54	-	5
20 to 49	-	21	26	8	-	33	-	3
50 to 99	-	5	15	6	-	11	-	-
100 to 199	-	7	2	6	-	1	-	-
200 to 499	-	7	5	6	-	2	-	-
500 or more—farms	-	2	2	1	-	2	-	-
number	-	(D)	(D)	(D)	-	(D)	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	296	46	136	167	6	47	99	45
1978	320	57	172	161	8	43	132	34
number, 1982	3 915	598	3 829	3 125	100	671	1 179	395
1978	4 787	724	3 083	3 532	(D)	497	1 781	193
$1,000, 1982	360	93	678	410	30	131	118	54
1978	428	77	358	306	(D)	95	201	49
1982 farms by number sold:								
1 to 9	147	26	68	81	1	24	49	32
10 to 19	81	11	23	33	3	13	25	5
20 to 49	57	7	29	39	2	9	24	7
50 to 99	11	2	11	8	-	-	1	1
100 to 199	-	-	4	4	-	1	-	-
200 to 499	-	-	-	2	-	-	-	-
500 or more—farms	-	-	1	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Cattle sold—farms, 1982	581	94	355	334	14	58	194	106
1978	570	96	415	328	15	52	221	115
number, 1982	12 982	3 467	14 664	9 751	955	882	4 748	1 000
1978	14 267	4 179	19 670	7 890	(D)	765	4 797	1 062
$1,000, 1982	8 288	2 266	8 641	5 820	379	372	3 037	480
1978	7 326	2 178	10 135	4 072	(D)	304	2 371	405
1982 farms by number sold:								
1 to 9	356	46	196	189	3	29	126	76
10 to 19	140	22	58	68	3	15	41	20
20 to 49	62	16	63	53	2	11	22	7
50 to 99	14	6	17	12	1	3	4	2
100 to 199	3	2	6	4	3	-	-	1
200 to 499	2	1	7	4	2	-	-	-
500 or more—farms	4	1	8	4	-	-	1	-
number	5 460	(D)	7 236	4 205	-	-	(D)	-
Cattle fattened on grain and concentrates sold—farms, 1982	274	37	205	145	2	7	94	40
1978	266	39	259	144	6	9	104	37
number, 1982	8 969	2 449	11 438	6 438	(D)	29	3 440	403
1978	9 989	3 113	14 187	4 661	47	86	3 115	352
$1,000, 1982	5 985	1 779	7 033	3 879	(D)	14	2 267	213
1978	5 327	1 777	7 422	2 409	24	37	1 546	172
1982 farms by number sold:								
1 to 9	192	17	132	99	2	6	74	30
10 to 19	47	7	30	23	-	1	16	6
20 to 49	22	8	18	10	-	-	3	3
50 to 99	4	2	8	4	-	-	-	-
100 to 199	3	2	3	2	-	-	-	1
200 to 499	2	-	6	3	-	-	-	-
500 or more—farms	4	1	8	4	-	-	1	-
number	5 460	(D)	7 236	4 205	-	-	(D)	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	38	124	185	205	64	182	75	252
1978	39	104	173	245	71	173	68	296
number, 1982	278	1 595	1 981	2 951	494	3 895	(D)	3 009
1978	334	1 010	1 992	3 919	715	3 713	969	3 193
$1,000, 1982	47	143	248	289	91	350	(D)	357
1978	47	107	202	415	85	341	148	336
1982 farms by number sold:								
1 to 9	25	85	114	94	49	49	54	146
10 to 19	10	20	42	56	9	55	14	59
20 to 49	3	13	25	46	4	58	5	40
50 to 99	-	3	4	8	2	18	1	5
100 to 199	-	3	-	1	-	2	-	2
200 to 499	-	-	-	-	-	-	-	-
500 or more—farms	-	-	-	-	-	-	1	-
number	-	-	-	-	-	-	(D)	-
Cattle sold—farms, 1982	53	189	345	313	118	220	203	437
1978	42	170	309	301	130	209	188	415
number, 1982	377	3 808	10 384	3 602	7 190	4 583	(D)	5 452
1978	315	4 278	2 985	3 299	5 822	3 876	8 017	4 500
$1,000, 1982	157	2 309	5 150	1 673	4 678	2 647	(D)	2 685
1978	129	2 146	1 263	1 395	2 898	1 862	4 005	1 904
1982 farms by number sold:								
1 to 9	45	132	229	186	93	87	129	260
10 to 19	4	23	70	77	13	65	32	107
20 to 49	3	16	39	41	6	57	16	53
50 to 99	1	10	5	6	2	8	9	14
100 to 199	-	4	1	3	1	2	5	1
200 to 499	-	3	-	-	-	-	8	2
500 or more—farms	-	1	1	-	3	1	4	-
number	-	(D)	(D)	-	6 275	(D)	2 505	-
Cattle fattened on grain and concentrates sold—farms, 1982	21	73	122	63	48	29	148	177
1978	3	71	110	55	61	33	134	152
number, 1982	79	2 358	(D)	699	6 657	388	6 232	1 873
1978	(D)	3 262	933	658	5 325	410	7 096	1 536
$1,000, 1982	36	1 531	(D)	387	4 427	198	4 279	1 072
1978	(D)	1 753	425	309	2 715	181	3 623	711
1982 farms by number sold:								
1 to 9	19	48	100	44	36	15	94	122
10 to 19	1	10	12	12	6	6	20	30
20 to 49	1	6	9	4	2	6	13	20
50 to 99	-	1	-	1	-	2	8	4
100 to 199	-	5	-	2	1	-	4	-
200 to 499	-	2	-	-	-	-	5	1
500 or more—farms	-	1	1	-	3	-	4	-
number	-	(D)	(D)	-	6 275	-	2 493	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Montmorancy	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	44	100	232	79	120	109	45	213
1978	46	129	239	81	125	112	59	206
number, 1982	654	1 282	3 065	900	3 421	1 675	475	3 195
1978	596	2 005	3 517	974	2 146	1 755	769	3 182
$1,000, 1982	96	140	345	164	861	317	56	423
1978	89	389	505	92	493	240	170	364
1982 farms by number sold:								
1 to 9	14	51	118	51	74	66	28	92
10 to 19	15	30	65	10	26	20	11	71
20 to 49	15	16	39	17	18	18	4	38
50 to 99	-	3	10	1	-	4	2	12
100 to 199	-	-	-	-	-	-	-	-
200 to 499	-	-	-	-	1	1	-	-
500 or mora—farms	-	-	-	-	1	-	-	-
number	-	-	-	-	(D)	-	-	-
Cattle sold—farms, 1982	55	210	331	172	232	179	86	332
1978	52	194	341	134	220	174	90	291
number, 1982	515	4 271	5 120	1 585	4 419	2 833	1 125	4 174
1978	683	4 758	3 262	2 390	3 968	2 978	884	3 305
$1,000, 1982	212	2 462	2 447	827	2 508	1 520	459	2 035
1978	271	2 326	1 315	1 053	1 765	1 279	342	1 321
1982 farms by number sold:								
1 to 9	34	133	208	135	139	92	52	198
10 to 19	15	45	62	21	46	39	22	71
20 to 49	6	19	51	11	27	40	8	44
50 to 99	-	7	6	3	9	7	3	17
100 to 199	-	2	2	1	10	-	-	2
200 to 499	-	2	1	1	-	1	1	-
500 or mora—farms	-	2	1	-	1	-	-	-
number	-	(D)	(D)	-	(D)	-	-	-
Cattle fattened on grain and concentrates sold—farms, 1982	12	91	130	102	122	60	9	75
1978	11	75	105	71	128	51	5	69
number, 1982	53	2 917	2 484	749	2 939	1 173	95	468
1978	219	3 408	853	1 278	2 711	798	79	538
$1,000, 1982	20	1 758	1 138	395	1 837	810	54	247
1978	105	1 750	339	611	1 271	389	25	241
1982 farms by number sold:								
1 to 9	10	60	91	88	75	34	7	62
10 to 19	2	12	25	7	23	9	1	9
20 to 49	-	11	10	5	10	12	-	4
50 to 99	-	3	1	1	4	4	1	-
100 to 199	-	1	1	-	9	-	-	-
200 to 499	-	2	1	1	-	1	-	-
500 or more—farms	-	2	1	-	1	-	-	-
number	-	(D)	(D)	-	(D)	-	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	38	43	370	113	7	113	253	118
1978	34	46	385	150	9	193	263	163
number, 1982	671	501	10 532	1 402	63	1 338	2 715	1 264
1978	466	492	6 429	1 783	105	3 207	3 204	2 344
$1,000, 1982	87	65	2 124	208	12	127	355	166
1978	101	75	828	354	26	301	355	358
1982 farms by number sold:								
1 to 9	19	24	167	70	6	65	156	74
10 to 19	13	11	85	21	-	27	49	23
20 to 49	1	7	89	18	1	19	46	16
50 to 99	4	1	21	3	-	2	1	5
100 to 199	1	-	1	1	-	-	1	-
200 to 499	-	-	2	-	-	-	-	-
500 or more—farms	-	-	5	-	-	-	-	-
number	-	-	4 233	-	-	-	-	-
Cattle sold—farms, 1982	51	78	648	180	13	317	433	309
1978	48	75	635	195	10	354	459	352
number, 1982	820	1 788	20 110	2 428	95	5 450	8 702	5 180
1978	783	1 393	16 181	2 964	47	6 136	11 578	7 607
$1,000, 1982	399	735	10 863	1 092	35	3 023	5 056	2 938
1978	345	526	6 585	1 135	18	3 086	5 940	3 783
1982 farms by number sold:								
1 to 9	29	44	340	98	10	190	307	188
10 to 19	9	15	149	46	3	67	71	65
20 to 49	7	12	115	28	-	42	43	40
50 to 99	6	5	28	6	-	12	5	10
100 to 199	-	-	8	2	-	2	3	2
200 to 499	-	1	4	-	-	3	2	2
500 or more—farms	-	1	4	-	-	1	2	2
number	-	(D)	9 311	-	-	(D)	(D)	(D)
Cattle fattened on grain and concentrates sold—farms, 1982	11	18	332	59	4	188	206	169
1978	8	10	304	54	2	182	194	186
number, 1982	237	172	9 673	713	17	3 327	6 566	2 963
1978	207	160	7 076	931	(D)	3 230	8 375	4 335
$1,000, 1982	177	100	5 537	391	8	2 028	3 945	1 734
1978	108	73	3 153	418	(D)	1 681	4 562	2 153
1982 farms by number sold:								
1 to 9	6	13	189	35	4	109	161	95
10 to 19	1	3	88	12	-	37	18	43
20 to 49	1	-	36	10	-	26	18	21
50 to 99	3	2	11	2	-	11	2	6
100 to 199	-	-	4	-	-	2	3	2
200 to 499	-	-	1	-	-	3	2	1
500 or more—farms	-	-	3	-	-	-	2	1
number	-	-	5 301	-	-	-	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Senilac	Schoolcratt	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Waxford
SALES—Con.								
Cattle and calves sold—Con.								
Calves sold—farms, 1982	557	16	200	198	128	161	12	64
1978	641	26	218	240	149	209	15	54
number, 1982	9 919	454	2 788	2 427	2 919	2 822	112	814
1978	12 138	463	3 407	3 244	2 374	4 641	139	743
$1,000, 1982	843	113	297	320	882	294	16	109
1978	1 050	116	255	333	317	504	37	80
1982 farms by number sold:								
1 to 9	214	7	99	115	94	78	9	30
10 to 19	167	5	56	48	16	43	2	21
20 to 49	139	1	40	26	15	26	-	11
50 to 99	29	1	4	8	-	11	1	2
100 to 199	7	2	1	1	1	2	-	-
200 to 499	1	-	-	-	-	1	-	-
500 or more—farms	-	-	-	-	2	-	-	-
number	-	-	-	-	(D)	-	-	-
Cattle sold—farms, 1982	812	26	402	447	281	429	40	90
1978	850	27	403	442	297	457	31	77
number, 1982	16 591	643	6 008	6 121	3 451	10 708	190	957
1978	15 820	467	7 529	7 733	7 110	11 351	258	640
$1,000, 1982	9 329	256	3 623	3 545	1 622	6 786	84	502
1978	7 591	190	3 685	3 834	3 518	5 819	107	278
1982 farms by number sold:								
1 to 9	398	13	260	264	207	217	36	56
10 to 19	222	4	74	101	43	98	1	17
20 to 49	143	5	49	62	26	71	3	16
50 to 99	34	3	14	15	2	27	-	1
100 to 199	8	1	4	3	1	9	-	-
200 to 499	5	-	-	2	1	5	-	-
500 or more—farms	2	-	1	-	1	2	-	-
number	(D)	-	(D)	-	(D)	(D)	-	-
Cattle fattened on grain and concentrates sold—farms, 1982	255	7	195	228	153	258	23	25
1978	262	4	177	209	150	289	24	21
number, 1982	7 449	68	3 194	2 989	2 326	7 407	85	171
1978	6 953	21	3 518	4 711	5 537	7 875	202	121
$1,000, 1982	4 712	29	2 006	1 875	1 126	5 009	46	93
1978	3 294	9	1 770	2 452	2 883	4 135	88	52
1982 farms by number sold:								
1 to 9	129	5	143	140	114	139	22	20
10 to 19	69	1	27	48	22	57	-	3
20 to 49	40	1	15	31	13	34	1	1
50 to 99	9	-	8	7	1	14	-	1
100 to 199	3	-	1	1	1	8	-	-
200 to 499	3	-	-	1	1	4	-	-
500 or more—farms	2	-	1	-	1	2	-	-
number	(D)	-	(D)	-	(D)	(D)	-	-

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY								
Hogs and pigs	farms, 1982	7 433	13	5	352	32	29	32
	1978	8 572	17	16	446	51	32	49
	number, 1982	1 064 073	314	38	94 435	1 131	1 243	3 769
	1978	931 240	466	77	79 425	1 520	1 428	4 715
Farms by inventory:								
1 to 9	1982	2 380	8	3	70	17	17	15
	1978	2 608	9	14	75	27	15	17
10 to 49	1982	2 295	3	2	89	12	6	7
	1978	2 852	7	2	140	13	7	12
50 to 99	1982	794	1	-	48	1	2	2
	1978	1 080	-	-	65	5	6	4
100 to 199	1982	737	1	-	43	-	1	2
	1978	872	-	-	62	6	3	8
200 to 499	1982	677	-	-	43	1	3	3
	1978	741	1	-	56	-	1	5
500 to 999	1982	323	-	-	27	1	-	3
	1978	280	-	-	33	-	-	3
1,000 or more	farms, 1982	227	-	-	32	-	-	-
	1978	139	-	-	15	-	-	-
	number, 1982	425 730	-	-	51 450	-	-	-
	1978	252 819	-	-	24 465	-	-	-
Hogs and pigs used or to be used for breeding	farms, 1982	4 690	8	2	202	14	17	13
	1978	5 852	11	5	295	25	25	34
	number, 1982	155 012	58	(D)	8 337	210	240	319
	1978	152 644	103	20	8 765	498	250	669
1982 farms by inventory:								
1 to 24		3 438	8	2	130	12	16	7
25 to 49		530	-	-	25	-	-	4
50 to 99		346	-	-	18	2	1	1
100 or more	farms	376	-	-	29	-	-	1
	number	88 855	-	-	5 234	-	-	(D)
Other hogs and pigs	farms, 1982	6 884	12	4	329	28	27	31
	1978	7 846	16	14	411	48	31	48
	number, 1982	909 061	256	(D)	86 098	921	1 003	3 450
	1978	778 596	363	57	70 660	1 022	1 178	4 046
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1982	4 968	8	2	212	14	19	12
	1978	6 121	12	5	304	25	25	36
	number, 1982	202 755	92	(D)	13 250	211	280	427
	1978	172 107	86	19	11 371	496	249	822
Dec. 1 of preceding year and May 31	farms, 1982	4 105	5	2	187	11	16	11
	1978	4 962	9	5	261	25	21	28
	number, 1982	96 569	36	(D)	6 588	98	120	190
	1978	81 603	41	10	5 579	254	105	391
June 1 and Nov. 30	farms, 1982	4 137	6	2	177	8	17	11
	1978	5 130	9	4	264	22	20	26
	number, 1982	106 186	56	(D)	6 662	113	160	237
	1978	90 504	45	9	5 792	242	144	431
SALES								
Hogs and pigs sold	farms, 1982	7 194	9	2	365	24	23	30
	1978	8 065	17	7	456	33	24	45
	number, 1982	1 734 236	576	(D)	178 251	1 236	1 780	5 762
	1978	1 392 522	460	133	131 915	2 693	1 216	6 320
	$1,000, 1982	182 764	70	(D)	18 810	110	156	671
	1978	124 746	33	5	12 197	193	94	567
1982 farms by number sold:								
1 to 9		1 581	2	-	54	11	11	10
10 to 49		2 248	4	1	80	8	2	8
50 to 99		906	1	1	47	2	4	1
100 to 199		809	2	-	51	1	3	2
200 to 499		775	-	-	49	1	3	5
500 to 999		433	-	-	31	1	-	1
1,000 or more	farms	442	-	-	53	-	-	3
	number	959 859	-	-	127 459	-	-	3 426
Feeder pigs sold	farms, 1982	2 184	4	2	104	7	10	3
	1978	2 577	8	3	140	15	12	14
	number, 1982	388 321	172	(D)	40 317	556	955	565
	1978	306 271	272	(D)	20 376	1 490	477	1 506
	$1,000, 1982	19 044	11	(D)	2 224	26	49	31
	1978	13 362	12	(D)	1 014	73	20	70
Hogs and pigs other than feeder pigs sold	farms, 1982	6 644	7	1	340	22	19	29
	1978	7 308	13	4	421	30	23	44
	number, 1982	1 345 915	404	(D)	137 934	680	825	5 197
	1978	1 086 251	188	(D)	111 539	1 203	739	4 814
	$1,000, 1982	163 720	59	(D)	16 586	84	107	640
	1978	111 385	22	(D)	11 183	120	74	497

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY								
Hogs and pigs	farms, 1982	1	128	87	19	177	256	214
	1978	7	179	95	13	168	310	231
	number, 1982	(D)	13 244	3 231	(D)	22 989	42 161	28 178
	1978	65	13 438	2 818	(D)	20 658	44 775	30 592
Farms by inventory:								
1 to 9	1982	1	41	21	14	52	51	57
	1978	5	71	42	6	37	62	48
10 to 49	1982	-	48	25	4	42	86	80
	1978	2	58	32	5	66	105	88
50 to 99	1982	-	16	9	-	25	39	28
	1978	-	16	13	-	16	48	37
100 to 199	1982	-	7	11	-	31	37	21
	1978	-	18	6	-	19	35	26
200 to 499	1982	-	10	1	-	18	25	15
	1978	-	12	2	1	25	35	20
500 to 999	1982	-	6	-	-	6	7	5
	1978	-	3	-	-	2	20	8
1,000 or more	farms, 1982	-	1	-	1	3	11	8
	1978	-	1	-	1	3	5	4
	number, 1982	-	(D)	-	(D)	6 165	20 631	14 185
	1978	-	(D)	-	(D)	6 236	12 364	10 197
Hogs and pigs used or to be used for breeding	farms, 1982	1	82	36	13	121	181	152
	1978	3	132	51	8	114	247	173
	number, 1982	(D)	1 608	317	124	2 709	6 936	4 084
	1978	(D)	1 924	640	29	3 591	6 735	4 514
1982 farms by inventory:								
1 to 24		1	69	33	12	96	124	113
25 to 49		-	7	3	-	13	29	17
50 to 99		-	4	-	1	7	11	12
100 or more	farms	-	2	-	-	5	17	10
	number	-	(D)	-	-	939	4 132	1 993
Other hogs and pigs	farms, 1982	1	118	66	16	168	229	201
	1978	6	148	87	12	159	281	211
	number, 1982	(D)	11 636	2 914	(D)	20 280	35 225	24 094
	1978	(D)	11 514	2 278	(D)	17 067	38 040	26 078
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1982	1	90	36	13	126	198	161
	1978	3	134	56	9	121	256	183
	number, 1982	(D)	2 182	400	217	4 328	7 844	6 482
	1978	21	2 389	540	38	4 162	7 355	6 023
Dec. 1 of preceding year and May 31	farms, 1982	1	76	34	10	109	158	130
	1978	2	111	48	8	102	212	153
	number, 1982	(D)	1 046	199	100	2 123	3 265	3 171
	1978	(D)	1 145	254	18	1 955	3 266	2 971
June 1 and Nov. 30	farms, 1982	1	75	31	10	108	164	140
	1978	2	103	44	6	106	218	159
	number, 1982	(D)	1 136	201	117	2 205	4 579	3 311
	1978	(D)	1 244	286	20	2 207	4 089	3 052
SALES								
Hogs and pigs sold	farms, 1982	-	134	67	16	164	263	223
	1978	3	170	76	13	171	304	234
	number, 1982	-	17 817	5 551	(D)	41 079	64 949	45 410
	1978	(D)	16 943	4 597	(D)	35 970	59 710	41 150
	$1,000, 1982	-	1 823	612	(D)	4 681	7 324	5 459
	1978	(D)	1 388	265	(D)	3 501	5 596	4 020
1982 farms by number sold:								
1 to 9		-	33	15	7	24	36	45
10 to 49		-	52	30	8	52	78	86
50 to 99		-	20	8	-	20	40	27
100 to 199		-	9	5	-	25	47	22
200 to 499		-	8	6	-	27	35	28
500 to 999		-	9	3	-	9	14	6
1,000 or more	farms	-	3	-	1	7	13	9
	number	-	5 130	-	(D)	19 876	33 470	24 985
Feeder pigs sold	farms, 1982	-	40	20	6	51	79	59
	1978	2	50	24	7	42	82	74
	number, 1982	-	4 729	1 444	(D)	6 105	8 789	3 640
	1978	(D)	3 498	2 709	(D)	5 698	9 777	5 551
	$1,000, 1982	-	196	69	(D)	318	421	166
	1978	(D)	162	99	(D)	253	460	220
Hogs and pigs other than feeder pigs sold	farms, 1982	-	121	60	13	152	244	209
	1978	2	149	73	12	163	277	207
	number, 1982	-	13 088	4 107	(D)	34 974	56 160	41 770
	1978	(D)	13 445	1 888	2 473	30 272	49 933	35 599
	$1,000, 1982	-	1 627	544	(D)	4 363	6 903	5 293
	1978	(D)	1 226	167	250	3 248	5 136	3 800

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY								
Hogs and pigs	farms, 1982	287	26	26	38	58	193	3
	1978	364	32	36	32	65	225	2
	number, 1982	150 835	895	263	787	6 282	28 374	(D)
	1978	125 080	667	950	670	7 106	23 997	(D)
Farms by inventory:								
1 to 9	1982	35	15	19	24	19	38	2
	1978	51	21	19	23	19	55	2
10 to 49	1982	71	7	6	10	26	64	1
	1978	91	7	10	8	27	78	-
50 to 99	1982	29	-	1	2	4	28	-
	1978	41	2	3	-	7	36	-
100 to 199	1982	30	2	-	1	4	25	-
	1978	55	1	4	-	4	28	-
200 to 499	1982	53	2	-	1	2	18	-
	1978	61	1	-	1	6	16	-
500 to 999	1982	28	-	-	-	1	14	-
	1978	38	-	-	-	-	8	-
1,000 or more	farms, 1982	41	-	-	-	2	6	-
	1978	27	-	-	-	2	4	-
	number, 1982	106 274	-	-	-	(D)	7 550	-
	1978	66 799	-	-	-	(D)	5 300	-
Hogs and pigs used or to be used for breeding	farms, 1982	239	14	14	18	40	138	2
	1978	312	20	25	14	49	173	2
	number, 1982	35 198	164	63	156	1 305	3 391	(D)
	1978	32 054	144	202	107	1 963	3 175	(D)
1982 farms by inventory:								
1 to 24		99	11	13	17	35	105	2
25 to 49		31	2	1	-	1	10	-
50 to 99		33	1	-	1	-	9	-
100 or more	farms	76	-	-	-	4	14	-
	number	31 189	-	-	-	1 020	1 595	-
Other hogs and pigs	farms, 1982	258	24	23	31	49	183	3
	1978	325	26	34	30	59	202	1
	number, 1982	115 637	731	200	631	4 977	24 983	(D)
	1978	93 026	523	748	563	5 143	20 822	(D)
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1982	248	15	15	19	41	149	2
	1978	318	20	28	15	49	180	2
	number, 1982	37 108	136	76	184	1 361	5 310	(D)
	1978	29 845	166	288	170	1 492	4 453	(D)
Dec. 1 of preceding year and May 31	farms, 1982	200	9	10	13	33	128	1
	1978	266	14	16	13	37	134	1
	number, 1982	16 574	57	36	86	999	2 827	(D)
	1978	14 071	87	88	86	546	2 180	(D)
June 1 and Nov. 30	farms, 1982	210	12	13	15	32	126	1
	1978	270	19	21	12	42	147	2
	number, 1982	20 534	79	40	98	362	2 483	(D)
	1978	15 774	79	200	84	946	2 273	(D)
SALES								
Hogs and pigs sold	farms, 1982	304	24	20	26	53	205	2
	1978	386	24	29	17	52	215	2
	number, 1982	227 503	938	534	1 328	8 489	42 201	(D)
	1978	189 990	956	1 269	809	8 301	31 925	(D)
	$1,000, 1982	26 105	96	42	123	939	4 452	(D)
	1978	19 148	60	104	67	684	3 205	(D)
1982 farms by number sold:								
1 to 9		31	15	10	10	17	32	2
10 to 49		60	4	7	9	18	69	-
50 to 99		30	3	2	2	4	32	-
100 to 199		35	-	-	4	7	27	-
200 to 499		45	2	1	1	3	19	-
500 to 999		40	-	-	-	1	16	-
1,000 or more	farms	63	-	-	-	3	10	-
	number	175 505	-	-	-	4 975	15 093	-
Feeder pigs sold	farms, 1982	76	3	8	9	24	38	-
	1978	113	5	18	7	25	38	-
	number, 1982	28 096	37	159	512	2 751	4 334	-
	1978	21 487	(D)	684	240	3 611	2 785	-
	$1,000, 1982	1 361	1	6	21	113	209	-
	1978	925	(D)	29	7	166	116	-
Hogs and pigs other than feeder pigs sold	farms, 1982	294	22	15	24	44	195	2
	1978	360	23	24	15	46	210	2
	number, 1982	199 407	901	375	816	5 738	37 867	(D)
	1978	168 503	(D)	585	569	4 690	29 140	(D)
	$1,000, 1982	24 744	95	37	102	825	4 243	(D)
	1978	18 223	(D)	76	60	518	3 090	(D)

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eeton	Emmat	Genesee	Gladwin	Gogebic
INVENTORY								
Hogs and pigs	farms, 1982	40	11	167	21	89	79	6
	1978	45	8	201	23	99	62	4
	number, 1982	1 375	219	19 523	514	12 139	3 543	25
	1978	423	66	19 051	137	8 301	1 888	27
Ferms by inventory:								
1 to 9	1982	28	6	59	12	34	29	6
	1978	32	5	55	19	39	29	3
10 to 49	1982	8	3	57	7	26	32	-
	1978	12	4	70	4	27	22	1
50 to 99	1982	1	2	20	-	12	5	-
	1978	1	-	29	-	13	6	-
100 to 199	1982	-	-	11	1	5	8	-
	1978	-	-	25	-	11	3	-
200 to 499	1982	3	-	12	1	7	5	-
	1978	-	-	15	-	6	2	-
500 to 999	1982	-	-	4	-	2	-	-
	1978	-	-	4	-	1	-	-
1,000 or more	farms, 1982	-	-	4	-	3	-	-
	1978	-	-	3	-	2	-	-
	number, 1982	-	-	8 843	-	5 700	-	-
	1978	-	-	5 288	-	(D)	-	-
Hogs and pigs used or to ba used for braeding	farms, 1982	22	7	97	10	57	50	1
	1978	21	6	156	13	67	40	2
	number, 1982	201	46	2 419	94	1 140	552	(D)
	1978	98	32	2 724	41	1 104	339	(D)
1982 farms by inventory:								
1 to 24		21	7	72	9	48	45	1
25 to 49		-	-	16	-	4	4	-
50 to 99		-	-	1	1	3	1	-
100 or more	farms	1	-	8	-	2	-	-
	number	(D)	-	(D)	-	(D)	-	-
Other hogs and pigs	farms, 1982	37	11	155	20	81	72	6
	1978	42	6	188	21	92	55	3
	number, 1982	1 174	173	17 104	420	10 999	2 991	(D)
	1978	325	34	16 327	96	7 197	1 549	(D)
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1982	26	7	110	12	60	53	1
	1978	21	6	160	13	68	47	2
	number, 1982	200	82	3 133	63	1 451	684	(D)
	1978	97	33	3 025	21	1 425	333	(D)
Dec. 1 of preceding yaar and May 31	farms, 1982	20	6	92	11	51	44	1
	1978	16	6	140	8	50	34	1
	number, 1982	92	41	1 525	48	653	352	(D)
	1978	45	14	1 496	11	657	168	(D)
June 1 and Nov. 30	farms, 1982	15	6	89	7	50	41	1
	1978	14	6	122	7	59	36	2
	number, 1982	108	41	1 608	15	798	332	(D)
	1978	52	19	1 529	10	768	165	(D)
SALES								
Hogs and pigs sold	farms, 1982	30	7	153	20	90	80	1
	1978	32	6	192	12	85	64	4
	number, 1982	1 713	(D)	27 556	592	19 944	5 592	(D)
	1978	569	164	25 532	84	11 916	3 334	32
	$1,000, 1982	125	(D)	2 824	54	1 939	476	(D)
	1978	29	12	2 163	6	881	258	2
1982 ferms by number sold:								
1 to 9		17	2	40	9	22	25	-
10 to 49		9	3	54	8	39	26	1
50 to 99		-	-	19	1	6	9	-
100 to 199		3	-	10	1	4	13	-
200 to 499		-	2	18	1	11	7	-
500 to 999		-	-	3	-	5	-	-
1,000 or mora	ferms	1	-	9	-	3	-	-
	number	(D)	-	16 081	-	10 704	-	-
Feeder pigs sold	farms, 1982	12	3	45	5	25	33	-
	1978	14	4	76	6	27	25	1
	number, 1982	1 312	(D)	7 535	214	2 899	3 009	-
	1978	315	116	6 384	38	2 645	1 050	(D)
	$1,000, 1982	70	(D)	401	11	137	138	-
	1978	13	5	274	1	103	34	(D)
Hogs end pigs other than feeder pigs sold	farms, 1982	28	5	146	20	82	70	1
	1978	23	6	172	9	77	53	3
	number, 1982	401	(D)	20 021	378	17 045	2 583	(D)
	1978	254	48	19 148	46	9 271	2 284	(D)
	$1,000, 1982	55	(D)	2 423	43	1 802	338	(D)
	1978	16	7	1 889	5	778	225	(D)

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grend Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY									
Hogs and pigs	farms, 1982	59	151	240	13	148	150	191	23
	1978	43	149	301	11	200	170	206	27
	number, 1982	3 189	17 880	37 378	63	34 078	23 943	26 581	2 151
	1978	2 177	15 072	39 548	125	23 194	24 934	25 712	2 855
Farms by inventory:									
1 to 9	1982	24	37	62	11	32	49	48	10
	1978	18	52	59	9	50	45	43	17
10 to 49	1982	24	58	73	2	38	46	68	6
	1978	18	37	118	2	62	56	59	6
50 to 99	1982	3	15	31	-	18	14	24	4
	1978	2	22	46	-	25	27	35	1
100 to 199	1982	4	19	22	-	14	12	20	1
	1978	1	17	23	-	27	13	39	1
200 to 499	1982	2	11	29	-	15	11	17	-
	1978	4	12	38	-	24	14	20	-
500 to 999	1982	2	10	15	-	23	15	10	2
	1978	-	7	11	-	10	11	7	-
1,000 or more	farms, 1982	-	1	8	-	8	3	4	-
	1978	-	2	6	-	2	4	3	2
	number, 1982	-	(D)	11 684	-	11 494	6 500	9 070	-
	1978	-	(D)	11 000	-	(D)	8 070	6 223	(D)
Hogs and pigs used or to be used for breeding	farms, 1982	32	92	162	3	66	95	125	14
	1978	25	104	222	4	122	128	150	18
	number, 1982	388	1 871	4 555	6	2 969	2 941	3 943	287
	1978	425	1 903	5 168	30	3 088	3 339	4 235	(D)
1982 farms by inventory:									
1 to 24		29	76	107	3	36	66	93	10
25 to 49		1	6	25	-	13	11	13	2
50 to 99		1	5	18	-	10	11	11	2
100 or more	farms	1	5	12	-	7	7	8	-
	number	(D)	705	1 671	-	1 557	1 348	2 051	-
Other hogs and pigs	farms, 1982	57	140	212	13	145	136	176	21
	1978	42	129	280	10	189	156	195	26
	number, 1982	2 801	16 009	32 823	57	31 109	21 002	22 638	1 864
	1978	1 752	13 169	34 380	95	20 106	21 595	21 477	(D)
LITTERS									
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms, 1982	35	99	168	3	71	101	131	15
	1978	25	112	235	5	125	136	154	21
	number, 1982	472	2 887	6 654	7	5 383	4 081	4 208	421
	1978	456	3 004	5 791	21	3 958	4 537	4 513	559
Dec. 1 of preceding year and May 31	farms, 1982	28	83	137	3	64	84	102	10
	1978	17	90	203	5	104	120	128	17
	number, 1982	246	1 449	3 140	(D)	2 678	1 996	1 791	195
	1978	234	1 463	2 931	(D)	1 859	2 242	1 975	263
June 1 and Nov. 30	farms, 1982	24	80	148	1	57	84	108	13
	1978	21	97	194	3	104	110	129	16
	number, 1982	226	1 438	3 514	(D)	2 705	2 085	2 417	226
	1978	222	1 541	2 860	(D)	2 099	2 295	2 538	296
SALES									
Hogs and pigs sold	farms, 1982	55	153	245	6	150	141	192	15
	1978	36	144	304	4	189	163	197	18
	number, 1982	3 618	26 865	71 718	38	62 751	37 065	37 564	2 909
	1978	3 391	24 435	57 102	105	39 184	34 732	34 795	3 806
	$1,000, 1982	406	3 020	6 940	4	6 167	4 369	4 490	324
	1978	229	2 236	4 981	5	3 115	3 302	3 184	300
1982 farms by number sold:									
1 to 9		20	32	40	5	26	26	30	1
10 to 49		24	48	77	1	44	45	74	6
50 to 99		5	24	26	-	13	19	27	2
100 to 199		2	15	32	-	16	13	23	4
200 to 499		2	23	31	-	12	19	19	-
500 to 999		2	4	21	-	21	9	10	1
1,000 or more	farms	-	7	18	-	18	10	9	1
	number	-	10 722	38 896	-	39 242	20 007	18 587	(D)
Feeder pigs sold	farms, 1982	18	36	88	1	35	32	50	9
	1978	10	40	100	2	57	51	49	10
	number, 1982	489	4 310	20 135	(D)	19 484	3 504	3 563	602
	1978	(D)	4 100	14 371	(D)	12 944	2 941	6 025	625
	$1,000, 1982	20	178	979	(D)	813	155	177	31
	1978	(D)	177	608	(D)	514	121	252	27
Hogs and pigs other than feeder pigs sold	farms, 1982	51	136	222	5	138	134	186	14
	1978	35	136	277	3	169	148	180	13
	number, 1982	3 129	22 555	51 583	(D)	43 267	33 561	34 001	2 307
	1978	(D)	20 335	42 731	(D)	26 240	31 791	28 770	3 181
	$1,000, 1982	386	2 842	5 962	(D)	5 355	4 214	4 313	294
	1978	(D)	2 059	4 373	(D)	2 601	3 180	2 932	273

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaske	Kent	Keweenaw	Lake
INVENTORY								
Hogs and pigs ---- farms, 1982	9	117	214	155	14	182	-	17
1978	3	140	207	185	17	188	1	13
number, 1982	(D)	15 125	18 797	30 065	(D)	17 180	-	375
1978	10	16 620	13 359	29 435	1 007	16 135	(D)	290
Farms by inventory:								
1 to 9 ---- 1982	7	43	73	42	7	69	-	11
1978	3	39	64	40	9	54	1	9
10 to 49 ---- 1982	1	30	74	44	5	60	-	4
1978	-	43	75	62	4	70	-	2
50 to 99 ---- 1982	-	8	21	15	-	14	-	1
1978	-	25	33	27	2	24	-	1
100 to 199 ---- 1982	-	6	19	18	-	15	-	-
1978	-	12	18	20	-	14	-	1
200 to 499 ---- 1982	1	21	20	20	-	15	-	1
1978	-	14	14	19	2	22	-	-
500 to 999 ---- 1982	-	5	4	11	2	3	-	-
1978	-	4	2	11	-	1	-	-
1,000 or more ---- farms, 1982	-	3	3	5	-	6	-	-
1978	-	3	1	6	-	3	-	-
number, 1982	-	3 550	4 419	11 561	-	7 116	-	-
1978	-	5 247	(D)	9 268	-	3 894	-	-
Hogs and pigs used or to be used for breeding ---- farms, 1982	4	80	138	106	9	122	-	9
1978	-	101	147	122	8	119	1	12
number, 1982	(D)	1 794	2 338	4 678	235	2 668	-	83
1978	-	2 563	2 297	4 989	244	2 270	(D)	51
1982 farms by inventory:								
1 to 24	3	57	117	62	7	94	-	8
25 to 49	-	13	7	16	-	14	-	-
50 to 99	1	7	12	13	-	8	-	1
100 or more ---- farms	-	3	2	15	2	6	-	-
number	-	501	(D)	2 767	(D)	1 038	-	-
Other hogs and pigs ---- farms, 1982	9	112	196	145	14	166	-	14
1978	3	128	187	181	17	178	1	9
number, 1982	(D)	13 331	16 459	25 387	(D)	14 512	-	292
1978	10	14 057	11 062	24 446	763	13 865	(D)	239
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms, 1982	4	83	146	109	9	130	-	10
1978	1	107	155	126	9	127	1	12
number, 1982	(D)	2 860	2 379	6 352	(D)	3 702	-	71
1978	(D)	3 478	2 707	5 098	323	3 034	(D)	66
Dec. 1 of preceding year and May 31 ---- farms, 1982	4	73	107	94	5	109	-	7
1978	-	82	121	96	7	97	-	9
number, 1982	(D)	1 445	1 120	2 939	(D)	1 775	-	24
1978	-	1 787	1 222	2 426	(D)	1 447	-	26
June 1 and Nov. 30 ---- farms, 1982	3	74	122	96	8	103	-	7
1978	1	90	131	111	8	118	1	8
number, 1982	(D)	1 415	1 259	3 413	169	1 927	-	47
1978	(D)	1 691	1 485	2 672	(D)	1 587	(D)	40
SALES								
Hogs and pigs sold ---- farms, 1982	7	103	208	154	11	173	-	16
1978	1	130	206	173	12	186	-	11
number, 1982	(D)	26 755	26 933	48 803	(D)	27 810	-	237
1978	(D)	26 443	20 553	38 648	(D)	25 310	-	386
$1,000, 1982	(D)	2 634	2 764	4 978	(D)	2 853	-	24
1978	(D)	2 091	1 873	3 775	(D)	2 142	-	20
1982 farms by number sold:								
1 to 9	5	23	47	29	3	44	-	6
10 to 49	1	26	72	36	6	56	-	10
50 to 99	-	12	34	23	-	28	-	-
100 to 199	-	9	26	22	-	13	-	-
200 to 499	1	18	16	16	-	15	-	-
500 to 999	-	6	9	14	-	9	-	-
1,000 or more ---- farms	-	9	4	14	2	8	-	-
number	-	15 030	8 551	27 367	(D)	12 774	-	-
Feeder pigs sold ---- farms, 1982	2	28	66	47	4	66	-	6
1978	-	36	57	47	6	58	-	8
number, 1982	(D)	9 131	4 281	13 591	(D)	7 102	-	88
1978	-	10 159	4 439	8 167	(D)	6 935	-	307
$1,000, 1982	(D)	391	185	753	(D)	371	-	2
1978	-	421	190	400	(D)	318	-	12
Hogs and pigs other than feeder pigs sold ---- farms, 1982	7	93	194	147	11	155	-	12
1978	1	122	193	158	10	163	-	8
number, 1982	(D)	17 624	22 652	35 212	1 122	20 708	-	149
1978	(D)	16 284	16 114	30 481	1 150	18 375	-	79
$1,000, 1982	(D)	2 243	2 578	4 225	147	2 482	-	21
1978	(D)	1 670	1 683	3 376	66	1 824	-	8

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY									
Hogs and pigs	farms, 1982	172	24	223	118	3	13	56	34
	1978	200	24	299	106	7	13	66	31
	number, 1982	13 132	954	38 450	6 315	238	98	3 497	653
	1978	10 061	1 760	44 718	7 830	(D)	65	2 501	1 107
Ferms by inventory:									
1 to 9	1982	82	13	41	58	-	10	24	17
	1978	86	7	55	35	4	12	24	13
10 to 49	1982	51	4	69	37	2	3	21	12
	1978	77	9	94	42	2	1	32	10
50 to 99	1982	11	2	22	7	-	-	3	4
	1978	19	4	36	13	-	-	3	5
100 to 199	1982	10	3	40	8	-	-	5	1
	1978	10	3	44	9	-	-	4	2
200 to 499	1982	12	2	28	6	1	-	-	-
	1978	3	-	50	5	1	-	3	1
500 to 999	1982	2	-	16	1	-	-	2	-
	1978	4	1	14	-	-	-	-	-
1,000 or more	farms, 1982	4	-	7	1	-	-	1	-
	1978	1	-	6	2	-	-	-	-
	number, 1982	4 925	-	9 950	(D)	-	-	(D)	-
	1978	(D)	-	9 346	(D)	-	-	-	-
Hogs and pigs used or to be used for breeding	farms, 1982	103	6	140	75	3	4	31	18
	1978	137	11	190	73	6	7	41	17
	number, 1982	2 003	132	4 077	971	(D)	17	479	100
	1978	1 736	235	4 750	1 209	59	29	400	139
1982 farms by inventory:									
1 to 24		81	4	95	67	3	4	27	17
25 to 49		10	2	20	6	-	-	1	1
50 to 99		7	-	14	-	-	-	1	-
100 or more	farms	5	-	11	2	-	-	2	-
	number	715	-	1 602	(D)	-	-	(D)	-
Other hogs and pigs	farms, 1982	154	23	205	104	3	12	52	30
	1978	177	23	273	99	6	10	59	29
	number, 1982	11 129	822	34 373	5 344	(D)	81	3 018	553
	1978	8 325	1 525	39 968	6 621	(D)	36	2 101	968
LITTERS									
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms, 1982	112	7	146	82	3	4	33	20
	1978	142	12	197	77	6	8	44	22
	number, 1982	2 852	130	6 688	1 144	(D)	15	648	76
	1978	1 742	350	6 021	1 704	66	33	427	169
Dec. 1 of preceding yeer end May 31	farms, 1982	95	5	131	69	1	2	31	13
	1978	110	11	164	66	6	7	31	17
	number, 1982	1 426	43	3 143	570	(D)	(D)	329	31
	1978	937	181	2 886	838	(D)	16	181	63
June 1 and Nov. 30	farms, 1982	91	6	131	65	2	4	22	14
	1978	115	10	172	62	4	6	34	17
	number, 1982	1 426	87	3 545	574	(D)	(D)	319	45
	1978	805	169	3 135	866	(D)	17	246	106
SALES									
Hogs and pigs sold	farms, 1982	157	27	243	111	3	7	56	30
	1978	172	23	293	101	5	9	61	29
	number, 1982	19 927	1 623	65 958	10 007	(D)	98	5 359	716
	1978	13 075	3 022	71 775	10 606	(D)	218	5 758	1 307
	$1,000, 1982	2 080	131	6 903	960	(D)	10	553	73
	1978	1 065	210	6 517	905	(D)	14	484	92
1982 farms by number sold:									
1 to 9		46	14	33	33	2	4	20	10
10 to 49		57	5	62	45	-	3	21	17
50 to 99		22	1	28	14	-	-	5	1
100 to 199		9	4	36	7	1	-	4	2
200 to 499		12	3	38	7	-	-	3	-
500 to 999		5	-	28	3	-	-	1	-
1,000 or more	farms	6	-	18	2	-	-	2	-
	number	9 318	-	26 891	(D)	-	-	(D)	-
Feeder pigs sold	farms, 1982	49	6	65	36	1	1	17	13
	1978	62	8	83	28	3	2	15	9
	number, 1982	4 322	772	16 054	2 680	(D)	(D)	1 973	280
	1978	3 510	1 074	13 543	2 586	(D)	(D)	2 227	559
	$1,000, 1982	205	35	754	100	(D)	(D)	98	11
	1978	126	42	580	102	(D)	(D)	111	18
Hogs and pigs other than feeder pigs sold	farms, 1982	152	23	224	104	3	6	54	26
	1978	155	19	269	97	3	8	60	27
	number, 1982	15 605	851	49 904	7 327	(D)	(D)	3 386	436
	1978	9 565	1 948	58 232	8 020	125	(D)	3 531	748
	$1,000, 1982	1 875	96	6 150	860	(D)	(D)	455	63
	1978	940	168	5 937	803	14	(D)	372	73

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Mason	Mecoste	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY									
Hogs and pigs	farms, 1982	21	45	94	43	66	30	152	132
	1978	18	40	97	48	71	39	196	168
	number, 1982	443	2 137	4 336	1 026	5 304	3 189	20 358	10 769
	1978	359	1 219	3 183	918	4 339	1 974	18 216	8 163
Farms by inventory:									
1 to 9	1982	16	19	47	18	29	14	42	32
	1978	14	23	54	25	24	19	53	57
10 to 49	1982	2	16	29	19	15	8	51	54
	1978	3	9	26	19	21	11	68	58
50 to 99	1982	1	5	8	6	6	3	19	21
	1978	-	4	10	2	12	4	29	28
100 to 199	1982	2	2	4	-	7	2	19	7
	1978	-	3	4	2	8	1	21	19
200 to 499	1982	-	3	4	-	8	2	10	12
	1978	1	1	2	-	5	4	18	4
500 to 999	1982	-	-	1	-	1	-	9	6
	1978	-	-	1	-	1	-	5	2
1,000 or more	farms, 1982	-	-	1	-	-	1	2	-
	1978	-	-	-	-	-	-	2	-
	number, 1982	-	-	(D)	-	-	(D)	(D)	-
	1978	-	-	-	-	-	-	(D)	-
Hogs and pigs used or to be used for breeding	farms, 1982	13	33	55	29	40	17	82	90
	1978	11	20	61	25	57	24	114	113
	number, 1982	102	366	658	326	647	874	1 973	1 881
	1978	43	172	585	224	726	653	1 803	1 520
1982 farms by inventory:									
1 to 24		12	29	50	25	32	13	59	70
25 to 49		-	2	2	4	3	2	16	6
50 to 99		1	2	2	-	5	1	4	9
100 or more	farms	-	-	1	-	-	1	3	5
	number	-	-	(D)	-	-	(D)	767	650
Other hogs and pigs	farms, 1982	19	42	84	39	60	29	147	123
	1978	16	38	85	45	62	35	180	161
	number, 1982	341	1 771	3 678	700	4 657	2 315	18 385	8 888
	1978	316	1 047	2 598	694	3 613	1 321	16 413	6 643
LITTERS									
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms, 1982	14	33	62	30	43	18	86	93
	1978	11	21	63	27	59	25	119	120
	number, 1982	91	614	929	375	1 082	1 143	3 008	2 152
	1978	56	188	596	267	944	623	2 187	1 638
Dec. 1 of preceding year and Mey 31	farms, 1982	13	27	43	23	31	14	73	74
	1978	10	13	45	16	53	23	97	86
	number, 1982	31	298	496	181	586	566	1 485	1 060
	1978	32	80	302	111	489	304	981	767
June 1 and Nov. 30	farms, 1982	5	28	51	24	39	16	79	76
	1978	4	17	47	27	48	19	101	103
	number, 1982	60	316	433	194	496	577	1 523	1 092
	1978	24	108	294	156	455	319	1 206	871
SALES									
Hogs and pigs sold	farms, 1982	10	45	84	36	61	22	144	130
	1978	10	33	77	37	74	29	188	150
	number, 1982	551	5 625	8 000	2 420	7 681	9 939	33 477	16 865
	1978	237	1 893	5 119	2 043	7 181	5 539	23 713	11 163
	$1,000, 1982	26	467	764	187	730	635	3 408	1 645
	1978	23	147	383	122	541	346	1 994	855
1982 farms by number sold:									
1 to 9		5	18	39	11	16	5	26	28
10 to 49		2	15	24	11	18	9	43	47
50 to 99		-	4	6	2	8	1	18	23
100 to 199		2	1	7	10	8	1	24	8
200 to 499		1	3	3	2	6	2	17	14
500 to 999		-	2	3	-	5	3	10	8
1,000 or more	farms	-	2	2	-	-	1	6	2
	number	-	(D)	(D)	-	-	(D)	16 271	(D)
Feeder pigs sold	farms, 1982	6	10	28	20	24	11	36	43
	1978	2	11	25	19	31	16	51	58
	number, 1982	508	2 721	3 092	1 547	2 866	8 449	5 861	5 772
	1978	(D)	742	1 931	1 517	2 306	4 099	5 179	4 676
	$1,000, 1982	20	143	162	80	150	440	264	267
	1978	(D)	29	86	65	89	197	204	200
Hogs and pigs other than feeder pigs sold	farms, 1982	5	43	74	28	51	21	137	116
	1978	8	30	65	31	66	24	174	135
	number, 1982	43	2 904	4 908	873	4 815	1 490	27 616	11 093
	1978	(D)	1 151	3 188	526	4 875	1 440	18 534	6 487
	$1,000, 1982	6	324	602	106	579	195	3 144	1 378
	1978	(D)	118	297	57	452	149	1 789	655

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978**—Con.

[For meaning of ebbrevietions end symbols, see introductory text]

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY								
Hogs end pigs ---- farms, 1982	8	67	91	46	79	38	10	55
1978	4	75	133	58	80	36	14	73
number, 1982	361	4 595	8 269	2 246	4 807	1 026	116	2 936
1978	42	3 152	7 232	2 028	3 929	507	201	4 096
Farms by inventory:								
1 to 9 ---- 1982	3	22	39	26	34	12	7	31
1978	3	23	57	37	19	20	7	40
10 to 49 ---- 1982	3	20	31	14	18	19	2	12
1978	1	36	45	13	38	15	7	16
50 to 99 ---- 1982	-	11	4	1	11	5	1	4
1978	-	7	12	1	7	-	-	9
100 to 199 ---- 1982	2	7	5	1	9	2	-	2
1978	-	5	6	4	12	1	-	2
200 to 499 ---- 1982	-	6	8	3	5	-	-	5
1978	-	3	12	3	4	-	-	5
500 to 999 ---- 1982	-	1	2	1	2	-	-	1
1978	-	1	1	-	-	-	-	-
1,000 or more ---- farms, 1982	-	-	2	-	-	-	-	-
1978	-	-	-	-	-	-	-	1
number, 1982	-	-	(D)	-	-	-	-	-
1978	-	-	-	-	-	-	-	(D)
Hogs and pigs used or to be used for breeding ---- farms, 1982	7	47	55	25	48	19	3	37
1978	3	54	78	27	53	21	8	46
number, 1982	58	730	1 235	303	1 050	192	(D)	568
1978	(D)	583	1 654	444	706	131	59	690
1982 farms by inventory:								
1 to 24	6	38	44	19	33	18	3	32
25 to 49	1	4	3	6	8	-	-	2
50 to 99	-	5	5	-	5	1	-	2
100 or more ---- farms	-	-	3	-	2	-	-	1
number	-	-	480	-	(D)	-	-	(D)
Other hogs and pigs ---- farms, 1982	6	62	84	42	71	38	10	49
1978	4	71	120	53	74	34	14	62
number, 1982	303	3 865	7 034	1 943	3 757	834	(D)	2 368
1978	(D)	2 569	5 578	1 584	3 223	376	142	3 406
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms, 1982	8	48	60	27	53	20	3	41
1978	4	56	84	34	58	21	8	48
number, 1982	64	1 055	1 959	486	1 499	244	(D)	834
1978	11	752	1 757	575	742	168	68	796
Dec. 1 of preceding year and May 31 ---- farms, 1982	4	39	49	23	40	14	3	37
1978	3	45	71	27	53	16	6	31
number, 1982	(D)	516	959	236	693	162	(D)	404
1978	6	296	791	303	375	75	32	380
June 1 and Nov. 30 ---- farms, 1982	6	42	51	22	42	17	1	27
1978	3	44	71	25	49	15	6	34
number, 1982	(D)	539	1 000	250	806	82	(D)	430
1978	5	456	966	272	367	93	36	416
SALES								
Hogs and pigs sold ---- farms, 1982	7	69	91	44	69	30	5	47
1978	8	72	116	49	86	25	7	54
number, 1982	321	7 458	13 614	3 237	11 585	1 638	60	7 878
1978	78	5 301	11 392	4 501	6 176	934	333	5 599
$1,000, 1982	34	589	1 185	268	979	123	6	563
1978	6	396	743	336	459	51	10	382
1982 farms by number sold:								
1 to 9	4	16	28	18	19	4	2	11
10 to 49	1	19	32	15	20	15	3	19
50 to 99	-	9	9	4	9	7	-	3
100 to 199	2	11	7	2	10	3	-	5
200 to 499	-	11	4	1	3	-	-	5
500 to 999	-	3	8	4	6	1	-	3
1,000 or more ---- farms	-	-	3	-	2	-	-	1
number	-	-	4 107	-	(D)	-	-	(D)
Feeder pigs sold ---- farms, 1982	2	33	40	16	29	11	2	24
1978	2	36	56	17	33	12	4	27
number, 1982	(D)	4 274	6 351	1 309	6 940	901	(D)	6 035
1978	(D)	2 328	7 124	1 272	2 907	797	316	3 370
$1,000, 1982	(D)	216	320	40	367	37	(D)	330
1978	(D)	89	304	38	129	38	9	158
Hogs and pigs other than feeder pigs sold ---- farms, 1982	5	64	84	40	64	28	4	41
1978	8	61	98	43	74	20	5	47
number, 1982	(D)	3 184	7 263	1 928	4 645	737	(D)	1 843
1978	(D)	2 973	4 268	3 229	3 269	137	17	2 229
$1,000, 1982	(D)	374	865	227	612	85	(D)	233
1978	(D)	307	439	298	330	13	1	224

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY								
Hogs and pigs ---- farms, 1982	8	10	227	34	7	117	138	282
1978	12	11	268	34	4	156	139	332
number, 1982	87	269	76 983	1 050	50	8 192	4 839	47 110
1978	428	197	54 413	936	76	8 281	4 646	44 527
Farms by inventory:								
1 to 9 ---- 1982	5	4	43	22	5	34	63	52
1978	5	8	54	21	1	54	68	49
10 to 49 ---- 1982	3	5	43	10	2	48	51	84
1978	4	2	70	7	3	61	52	116
50 to 99 ---- 1982	-	-	23	1	-	13	14	35
1978	1	-	36	3	-	14	9	51
100 to 199 ---- 1982	-	1	35	-	-	11	7	55
1978	2	1	46	2	-	19	5	45
200 to 499 ---- 1982	-	-	36	-	-	7	2	37
1978	-	-	28	1	-	4	4	49
500 to 999 ---- 1982	-	-	24	1	-	4	1	12
1978	-	-	21	-	-	4	1	19
1,000 or more ---- farms, 1982	-	-	23	-	-	-	-	7
1978	-	-	13	-	-	-	-	3
number, 1982	-	-	41 134	-	-	-	-	14 341
1978	-	-	20 956	-	-	-	-	4 000
Hogs and pigs used or to be used for breeding ---- farms, 1982	5	4	146	20	3	63	77	206
1978	6	4	170	19	2	79	85	261
number, 1982	47	55	8 490	176	(D)	1 069	883	8 208
1978	68	24	6 777	96	(D)	984	829	8 547
1982 farms by inventory:								
1 to 24	5	3	74	19	3	55	70	136
25 to 49	-	1	24	-	-	4	3	39
50 to 99	-	-	19	-	-	1	2	15
100 or more ---- farms	-	-	29	1	-	3	2	16
number	-	-	5 656	(D)	-	(D)	(D)	4 481
Other hogs and pigs ---- farms, 1982	7	10	218	32	6	114	128	255
1978	10	11	244	33	4	146	125	297
number, 1982	40	214	68 493	874	(D)	7 123	3 956	38 902
1978	360	173	47 636	840	(D)	7 297	3 817	35 980
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ---- farms, 1982	5	4	151	20	4	64	82	219
1978	7	4	177	19	2	81	90	276
number, 1982	40	52	14 546	262	18	1 069	1 192	10 220
1978	35	25	9 741	108	(D)	1 176	974	9 153
Dec. 1 of preceding year and May 31 ---- farms, 1982	3	3	136	15	4	49	68	168
1978	2	4	142	15	-	67	76	217
number, 1982	17	25	7 310	130	(D)	513	506	4 159
1978	(D)	(D)	4 679	60	-	618	479	4 032
June 1 and Nov. 30 ---- farms, 1982	5	4	140	11	2	56	67	189
1978	6	2	160	14	2	66	71	252
number, 1982	23	27	7 236	132	(D)	556	686	6 061
1978	(D)	(D)	5 062	48	(D)	558	495	5 121
SALES								
Hogs and pigs sold ---- farms, 1982	7	9	233	27	5	116	123	286
1978	10	5	265	26	3	150	116	338
number, 1982	175	453	137 682	2 111	84	11 105	10 294	74 110
1978	356	237	89 297	892	(D)	13 046	6 570	62 583
$1,000, 1982	15	40	14 267	130	9	1 202	774	8 038
1978	19	24	7 377	77	(D)	1 279	549	5 370
1982 farms by number sold:								
1 to 9	3	3	27	15	3	32	41	30
10 to 49	3	5	50	8	2	36	53	65
50 to 99	1	-	26	2	-	20	15	49
100 to 199	-	-	22	1	-	13	6	59
200 to 499	-	1	37	-	-	10	5	46
500 to 999	-	-	28	-	-	2	-	19
1,000 or more ---- farms	-	-	43	1	-	3	3	18
number	-	-	102 479	(D)	-	3 326	5 524	34 744
Feeder pigs sold ---- ferms, 1982	3	1	89	7	1	22	33	101
1978	6	-	96	12	1	30	41	101
number, 1982	(D)	(D)	30 933	(D)	(D)	2 167	5 535	15 570
1978	213	-	26 951	350	(D)	1 773	2 692	16 602
$1,000, 1982	(D)	(D)	1 540	(D)	(D)	108	242	746
1978	11	-	1 304	13	(D)	70	125	702
Hogs and pigs other than feeder pigs sold ---- farms, 1982	7	8	216	25	5	111	112	259
1978	8	5	233	19	2	141	96	319
number, 1982	(D)	(D)	106 749	(D)	(D)	8 938	4 759	58 540
1978	143	237	62 346	542	(D)	11 273	3 878	45 981
$1,000, 1982	(D)	(D)	12 728	(D)	(D)	1 094	532	7 292
1978	8	24	6 072	63	(D)	1 209	424	4 668

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY									
Hogs and pigs	farms, 1982	162	8	147	154	228	176	34	28
	1978	180	7	143	163	265	230	35	23
	number, 1982	11 014	219	13 039	18 489	55 854	22 737	819	2 552
	1978	11 032	94	10 931	16 488	33 732	14 743	1 560	826
Farms by inventory:									
1 to 9	1982	67	4	41	54	54	44	23	11
	1978	62	4	33	63	66	65	18	14
10 to 49	1982	45	3	45	43	70	61	5	10
	1978	72	3	66	41	88	87	13	2
50 to 99	1982	16	-	26	15	27	21	3	1
	1978	15	-	16	18	48	41	1	4
100 to 199	1982	14	1	14	18	23	26	2	1
	1978	15	-	10	23	23	19	-	2
200 to 499	1982	17	-	18	15	25	15	1	3
	1978	13	-	15	11	23	15	3	1
500 to 999	1982	3	-	3	6	11	5	-	2
	1978	3	-	2	5	10	1	-	-
1,000 or more	farms, 1982	-	-	-	3	18	4	-	-
	1978	-	-	1	2	7	2	-	-
	number, 1982	-	-	-	4 500	33 225	7 406	-	-
	1978	-	-	(D)	(D)	11 961	(D)	-	-
Hogs and pigs used or to be used for breeding	farms, 1982	95	6	96	79	159	115	13	15
	1978	119	6	110	95	196	159	24	14
	number, 1982	1 440	29	2 251	1 990	9 582	2 933	77	448
	1978	2 207	26	2 051	1 756	7 155	2 108	303	457
1982 farms by inventory:									
1 to 24		73	6	68	60	95	91	13	10
25 to 49		16	-	14	9	22	9	-	2
50 to 99		5	-	9	3	11	9	-	1
100 or more	farms	1	-	5	7	31	6	-	2
	number	(D)	-	565	1 147	7 378	1 217	-	(D)
Other hogs and pigs	farms, 1982	154	8	139	150	217	160	31	28
	1978	167	6	131	153	243	215	28	16
	number, 1982	9 574	190	10 788	16 499	46 272	19 804	742	2 104
	1978	8 825	68	8 880	14 732	26 577	12 635	1 257	369
LITTERS									
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms, 1982	101	8	99	80	172	119	13	17
	1978	122	6	113	104	201	166	24	14
	number, 1982	2 273	44	2 358	2 778	10 204	4 330	62	732
	1978	2 155	31	2 051	2 539	6 311	2 444	303	704
Dec. 1 of preceding year and May 31	farms, 1982	89	6	86	70	148	104	12	11
	1978	95	6	88	90	163	140	22	11
	number, 1982	1 226	19	1 036	1 362	5 235	2 086	44	357
	1978	940	17	939	1 317	2 927	1 247	156	227
June 1 and Nov. 30	farms, 1982	83	7	84	63	146	100	8	15
	1978	109	6	99	84	167	144	17	14
	number, 1982	1 047	25	1 322	1 416	4 969	2 244	18	375
	1978	1 215	14	1 112	1 222	3 384	1 197	147	477
SALES									
Hogs and pigs sold	farms, 1982	154	9	135	135	237	180	24	22
	1978	158	5	143	155	255	234	32	15
	number, 1982	16 599	234	19 325	30 425	77 268	34 869	640	7 139
	1978	16 218	167	15 360	27 426	43 121	21 956	1 914	5 603
	$1,000, 1982	1 556	13	1 728	3 272	8 714	3 646	76	498
	1978	1 356	7	1 207	2 525	4 158	2 087	170	304
1982 farms by number sold:									
1 to 9		45	5	29	24	41	36	11	7
10 to 49		54	2	30	47	82	52	10	4
50 to 99		17	1	30	14	25	36	1	3
100 to 199		13	1	19	19	24	19	2	1
200 to 499		15	-	17	14	28	21	-	2
500 to 999		9	-	6	6	12	10	-	3
1,000 or more	farms	1	-	4	11	25	6	-	2
	number	(D)	-	4 380	16 904	53 369	14 288	-	(D)
Feeder pigs sold	farms, 1982	43	4	52	27	65	43	3	13
	1978	69	2	63	40	71	55	10	7
	number, 1982	5 124	(D)	8 936	2 454	10 027	10 237	61	5 494
	1978	5 427	(D)	4 355	5 025	6 072	3 680	421	4 648
	$1,000, 1982	224	(D)	429	121	497	523	3	298
	1978	230	(D)	180	205	252	141	13	232
Hogs and pigs other than feeder pigs sold	farms, 1982	143	7	125	124	221	170	23	21
	1978	137	5	127	140	227	223	29	13
	number, 1982	11 475	(D)	10 389	27 971	67 241	24 632	579	1 645
	1978	10 791	(D)	11 005	22 401	37 049	18 276	1 493	955
	$1,000, 1982	1 332	(D)	1 298	3 150	8 217	3 123	73	199
	1978	1 126	(D)	1 027	2 320	3 906	1 947	157	71

Table 13. Sheep and Horses—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Sheep and lambs inventory	farms, 1982	2 401	21	5	70	16	10	6
	1978	1 975	17	3	55	12	4	2
	number, 1982	115 517	932	1 040	2 328	881	318	154
	1978	97 185	747	(D)	2 548	286	65	(D)
1982 farms by inventory:								
1 to 24		1 280	5	1	42	10	5	2
25 to 99		817	14	1	22	2	5	4
100 to 299		258	2	2	6	4	-	-
300 to 999		42	-	1	-	-	-	-
1,000 or more		4	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	2 103	19	5	62	15	9	5
	1978	1 773	15	3	45	12	3	2
	number, 1982	68 288	701	657	1 658	498	205	89
	1978	56 110	634	(D)	1 664	190	(D)	(D)
Sheep and lambs shorn	farms, 1982	2 060	19	5	59	10	8	5
	1978	1 743	16	3	47	9	3	1
	number, 1982	101 512	773	619	2 082	586	242	92
	1978	85 028	626	(D)	2 004	218	(D)	(D)
	pounds of wool, 1982	782 410	6 023	3 301	16 833	3 663	1 537	656
	1978	679 943	4 475	(D)	16 073	1 743	(D)	(D)
Sheep and lambs sold	farms, 1982	2 172	20	5	57	12	9	5
	1978	1 825	18	2	51	14	2	2
	number, 1982	88 782	540	195	1 662	829	173	67
	1978	75 150	634	(D)	1 426	214	(D)	(D)
Sheep, lambs, and wool sold	farms, 1982	2 308	20	5	62	13	9	5
	1978	1 931	18	3	55	14	3	2
	$1,000, 1982	5 207	28	9	95	34	10	2
	1978	4 693	31	(D)	70	12	(D)	(D)
Horses and ponies inventory	farms, 1982	9 539	44	13	282	76	39	49
	1978	9 039	62	19	283	69	42	51
	number, 1982	52 648	168	28	1 583	283	219	210
	1978	45 071	254	43	1 374	392	190	144
Horses and ponies sold	farms, 1982	2 403	4	1	81	18	8	5
	1978	2 090	12	4	66	19	5	7
	number, 1982	7 808	10	(D)	278	28	29	10
	1978	6 588	31	9	170	37	10	23
	$1,000, 1982	11 086	4	(D)	453	30	22	5
	1978	7 059	26	3	108	27	5	6

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Sheep and lambs inventory	farms, 1982	-	44	7	4	30	58	67
	1978	1	60	2	-	26	75	71
	number, 1982	-	1 901	55	(D)	469	3 326	2 848
	1978	(D)	2 507	(D)	-	447	3 313	3 684
1982 farms by inventory:								
1 to 24		-	19	6	2	23	30	36
25 to 99		-	19	1	2	7	23	24
100 to 299		-	6	-	-	-	2	6
300 to 999		-	-	-	-	-	2	1
1,000 or more		-	-	-	-	-	1	-
Ewes 1 year old or older	farms, 1982	-	43	3	3	27	51	56
	1978	-	55	2	-	23	65	65
	number, 1982	-	1 278	(D)	79	305	2 138	1 565
	1978	-	1 564	(D)	-	329	2 226	2 231
Sheep and lambs shorn	farms, 1982	-	46	2	4	25	48	62
	1978	-	57	2	-	20	65	65
	number, 1982	-	1 816	(D)	(D)	442	3 200	2 483
	1978	-	2 215	(D)	-	430	2 656	3 473
	pounds of wool, 1982	-	14 468	(D)	(D)	2 825	24 522	17 656
	1978	-	19 128	(D)	-	3 553	22 813	24 399
Sheep and lambs sold	farms, 1982	-	45	2	6	23	56	67
	1978	-	57	1	-	24	68	66
	number, 1982	-	1 600	(D)	18	285	4 470	3 150
	1978	-	2 060	(D)	-	258	2 426	2 706
Sheep, lambs, and wool sold	farms, 1982	-	47	2	6	29	56	69
	1978	-	59	2	-	27	72	66
	$1,000, 1982	-	78	(D)	(D)	17	280	171
	1978	-	110	(D)	-	35	146	174
Horses and ponies inventory	farms, 1982	20	200	53	20	202	193	269
	1978	19	204	56	17	213	189	253
	number, 1982	48	1 019	292	114	965	987	1 344
	1978	54	818	277	78	900	1 094	1 310
Horses and ponies sold	farms, 1982	5	62	12	8	49	36	54
	1978	3	38	4	5	48	49	50
	number, 1982	10	286	43	16	126	105	132
	1978	4	100	10	15	135	172	174
	$1,000, 1982	4	275	58	18	225	64	149
	1978	1	100	8	5	113	157	153

Table 13. **Sheep and Horses—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Sheep and lambs inventory	farms, 1982	68	9	10	35	22	62	2
	1978	49	2	9	23	19	69	1
	number, 1982	2 993	187	418	2 001	1 796	4 628	(D)
	1978	2 204	(D)	359	1 288	1 591	4 096	(D)
1982 farms by inventory:								
1 to 24		30	7	6	9	7	24	2
25 to 99		30	1	3	20	9	25	-
100 to 299		7	1	1	6	5	10	-
300 to 999		1	-	-	-	1	2	-
1,000 or more		-	-	-	-	-	1	-
Ewes 1 year old or older	farms, 1982	60	6	10	30	20	51	2
	1978	48	2	8	22	19	65	1
	number, 1982	1 875	(D)	195	1 449	1 197	2 177	(D)
	1978	1 316	(D)	284	880	1 173	2 424	(D)
Sheep and lambs shorn	farms, 1982	55	6	7	32	21	52	1
	1978	42	2	9	22	20	66	1
	number, 1982	2 208	(D)	260	1 568	1 596	2 784	(D)
	1978	1 642	(D)	310	1 113	1 656	3 627	(D)
	pounds of wool, 1982	14 506	(D)	2 098	12 171	10 992	23 374	(D)
	1978	12 221	(D)	2 413	9 781	12 428	29 936	(D)
Sheep and lambs sold	farms, 1982	63	4	7	33	22	56	2
	1978	45	1	8	21	19	66	1
	number, 1982	1 867	(D)	208	1 601	1 285	4 184	(D)
	1978	1 390	(D)	219	810	1 243	3 128	(D)
Sheep, lambs, and wool sold	farms, 1982	65	7	9	35	22	59	2
	1978	47	2	9	22	20	68	1
	$1,000, 1982	91	(D)	8	66	60	210	(D)
	1978	88	(D)	9	55	77	188	(D)
Horses and ponies inventory	farms, 1982	174	45	46	109	80	178	6
	1978	155	56	38	103	67	185	3
	number, 1982	858	186	219	677	502	1 001	22
	1978	718	403	142	432	260	1 055	8
Horses and ponies sold	farms, 1982	48	12	11	23	24	43	2
	1978	31	11	7	13	15	46	2
	number, 1982	137	27	31	210	83	117	(D)
	1978	107	47	24	36	41	151	(D)
	$1,000, 1982	292	16	14	192	79	130	(D)
	1978	55	14	6	27	14	121	(D)

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Sheep and lambs inventory	farms, 1982	12	2	71	4	50	30	1
	1978	8	1	68	3	29	30	-
	number, 1982	265	(D)	3 531	111	1 513	1 410	(D)
	1978	112	(D)	4 537	144	1 505	864	-
1982 farms by inventory:								
1 to 24		8	2	32	1	32	12	1
25 to 99		4	-	24	3	14	16	-
100 to 299		-	-	15	-	4	1	-
300 to 999		-	-	-	-	-	1	-
1,000 or more		-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	11	2	64	4	42	29	1
	1978	8	-	64	3	28	22	-
	number, 1982	166	(D)	2 546	68	920	799	(D)
	1978	78	-	2 999	83	988	485	-
Sheep and lambs shorn	farms, 1982	10	2	66	4	40	30	1
	1978	8	-	64	3	26	21	-
	number, 1982	186	(D)	4 050	88	1 333	1 024	(D)
	1978	87	-	3 738	80	1 192	504	-
	pounds of wool, 1982	1 369	(D)	33 941	648	10 071	7 851	(D)
	1978	645	-	32 476	600	10 867	4 019	-
Sheep and lambs sold	farms, 1982	8	2	71	3	45	30	1
	1978	7	1	65	3	27	23	-
	number, 1982	335	(D)	3 159	52	715	655	(D)
	1978	50	(D)	3 678	91	862	431	-
Sheep, lambs, and wool sold	farms, 1982	11	2	72	4	49	30	1
	1978	8	1	67	3	27	25	-
	$1,000, 1982	15	(D)	185	3	40	36	(D)
	1978	2	(D)	214	5	56	26	-
Horses and ponies inventory	farms, 1982	62	40	269	55	216	71	13
	1978	56	31	279	42	188	68	13
	number, 1982	310	246	1 430	298	1 336	378	49
	1978	199	174	1 158	186	900	242	34
Horses and ponies sold	farms, 1982	16	11	84	18	61	13	2
	1978	13	12	46	11	56	14	5
	number, 1982	60	20	194	46	169	25	(D)
	1978	38	54	122	30	190	34	6
	$1,000, 1982	69	11	184	38	489	23	(D)
	1978	14	22	77	16	353	22	1

Table 13. **Sheep and Horses—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Sheep and lambs inventory	farms, 1982	6	38	95	10	18	88	43	11
	1978	5	30	75	5	11	60	38	7
	number, 1982	49	1 046	4 989	126	292	7 542	2 258	518
	1978	47	794	2 586	80	192	2 845	2 087	610
1982 farms by inventory:									
1 to 24		5	23	49	8	15	35	18	4
25 to 99		1	13	34	2	3	41	19	6
100 to 299		-	2	9	-	-	7	4	1
300 to 999		-	-	3	-	-	3	1	-
1,000 or more		-	-	-	-	-	2	-	-
Ewes 1 yeer old or older	farms, 1982	3	33	83	7	18	77	39	9
	1878	3	26	64	5	9	55	38	7
	number, 1982	(D)	813	2 474	85	202	3 546	1 592	309
	1978	28	459	1 550	34	119	1 798	1 467	321
Sheep and lambs shorn	farms, 1982	5	37	86	8	17	73	40	9
	1978	4	26	67	4	9	53	38	7
	number, 1982	(D)	879	4 212	103	248	4 646	2 012	337
	1978	47	577	2 086	36	188	2 991	1 801	356
	pounds of wool, 1982	(D)	8 688	28 373	914	1 646	31 349	15 181	2 600
	1978	288	4 986	15 484	216	1 121	20 444	13 466	2 863
Sheep and lambs sold	farms, 1982	6	34	86	7	19	83	42	10
	1978	3	28	72	5	13	58	38	7
	number, 1982	(D)	706	3 157	76	237	4 757	1 819	315
	1978	39	583	1 910	78	375	2 146	1 838	422
Sheep, lambs, and wool sold	farms, 1982	7	37	93	8	20	83	42	10
	1978	4	28	74	5	13	58	39	7
	$1,000, 1982	4	37	296	3	12	342	110	11
	1978	(D)	36	121	5	16	195	119	17
Horses and ponies inventory	farms, 1982	70	109	211	34	86	245	164	67
	1978	66	117	274	32	95	210	164	47
	number, 1982	410	443	1 004	142	280	1 342	769	296
	1978	308	402	1 250	122	306	1 134	652	186
Horses and ponies sold	farms, 1982	30	20	44	2	16	64	25	12
	1978	12	19	57	5	18	59	26	6
	number, 1982	160	82	118	(D)	39	139	71	23
	1978	30	53	177	29	30	163	74	11
	$1,000, 1982	121	64	242	(D)	27	247	51	9
	1978	24	36	87	2	12	235	47	6

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaske	Kent	Keweenaw	Lake
Sheep and lambs inventory	farms, 1982	3	17	86	44	1	49	-	5
	1978	2	15	72	37	1	28	-	4
	number, 1982	(D)	438	6 493	1 806	(D)	1 527	-	285
	1978	(D)	343	4 525	1 727	(D)	860	-	96
1982 farms by inventory:									
1 to 24		1	8	42	25	-	30	-	3
25 to 99		-	9	28	16	1	17	-	-
100 to 299		1	-	10	2	-	1	-	2
300 to 999		1	-	6	1	-	1	-	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	3	14	79	38	1	45	-	5
	1978	2	13	64	32	1	28	-	4
	number, 1982	(D)	286	3 791	1 031	(D)	1 116	-	201
	1978	(D)	214	1 847	957	(D)	537	-	75
Sheep and lambs shorn	farms, 1982	3	13	79	36	1	44	-	5
	1978	2	12	65	32	1	22	-	4
	number, 1982	(D)	381	7 904	1 388	(D)	1 728	-	252
	1978	(D)	229	5 362	1 335	(D)	624	-	78
	pounds of wool, 1982	(D)	2 893	58 888	11 283	(D)	14 943	-	2 186
	1978	(D)	1 751	38 212	10 225	(D)	5 053	-	591
Sheep and lambs sold	farms, 1982	3	15	80	37	5	45	-	4
	1978	2	14	69	32	1	28	-	4
	number, 1982	(D)	265	6 504	1 022	17	1 244	-	119
	1978	(D)	219	5 216	1 168	(D)	638	-	(D)
Sheep, lambs, and wool sold	farms, 1982	3	16	86	40	5	49	-	5
	1978	2	14	70	37	1	28	-	4
	$1,000, 1982	(D)	12	377	93	(D)	63	-	7
	1978	(D)	11	332	85	(D)	27	-	1
Horses and ponies inventory	farms, 1982	28	139	262	165	19	319	2	38
	1978	28	137	247	162	8	237	3	26
	number, 1982	108	608	1 703	1 113	105	1 604	(D)	148
	1978	129	668	1 678	1 107	25	957	5	83
Horses and ponies sold	farms, 1982	4	35	50	55	10	78	-	8
	1978	3	33	52	46	2	47	-	1
	number, 1982	13	105	221	150	(D)	266	-	17
	1978	(D)	98	227	249	(D)	129	-	(D)
	$1,000, 1982	7	69	246	190	(D)	366	-	7
	1978	(D)	147	223	148	(D)	149	-	(D)

Table 13. **Sheep and Horses—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Sheep and lambs inventory	farms, 1982	76	10	101	85	-	4	32	7
	1978	49	4	85	58	-	4	29	9
	number, 1982	3 344	160	3 808	3 279	-	26	685	263
	1978	1 504	27	4 255	2 898	-	32	640	523
1982 farms by inventory:									
1 to 24		45	9	59	48	-	4	26	4
25 to 99		21	-	34	30	-	-	4	2
100 to 299		9	1	6	7	-	-	2	1
300 to 999		1	-	2	-	-	-	-	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	64	10	92	73	-	4	27	6
	1978	42	3	76	54	-	3	24	8
	number, 1982	2 080	101	2 237	2 110	-	18	422	(D)
	1978	1 054	13	2 760	1 774	-	30	409	408
Sheep and lambs shorn	farms, 1982	60	5	89	71	-	4	29	5
	1978	44	3	74	54	-	3	25	6
	number, 1982	2 593	(D)	3 318	2 779	-	22	534	255
	1978	1 311	22	4 555	2 522	-	32	459	398
	pounds of wool, 1982	23 701	(D)	24 509	23 843	-	182	4 375	2 103
	1978	11 951	98	37 279	23 579	-	220	4 283	3 019
Sheep and lambs sold	farms, 1982	66	6	95	77	-	3	28	5
	1978	45	3	72	54	-	3	27	8
	number, 1982	1 386	92	4 396	2 223	-	8	430	228
	1978	1 049	7	4 112	1 679	-	34	313	203
Sheep, lambs, and wool sold	farms, 1982	69	6	101	81	-	4	32	5
	1978	49	3	82	57	-	3	29	8
	$1,000, 1982	88	5	241	119	-	1	32	10
	1978	54	1	221	127	-	2	19	12
Horses and ponies inventory	farms, 1982	331	41	180	260	2	17	107	39
	1978	303	39	207	193	10	15	106	41
	number, 1982	2 104	155	1 036	1 896	(D)	52	948	177
	1978	1 674	127	1 094	1 164	33	47	613	178
Horses and ponies sold	farms, 1982	90	11	41	80	-	4	26	7
	1978	86	6	48	58	2	3	26	5
	number, 1982	468	29	149	211	-	6	179	45
	1978	352	25	115	146	(D)	(D)	61	(D)
	$1,000, 1982	572	26	623	739	-	3	103	30
	1978	518	30	114	232	(D)	(D)	94	(D)

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Sheep and lambs inventory	farms, 1982	4	9	13	10	5	17	41	26
	1978	2	12	5	10	10	14	38	27
	number, 1982	45	1 231	1 170	55	225	904	846	1 230
	1978	(D)	903	507	83	1 343	798	711	796
1982 farms by inventory:									
1 to 24		3	4	6	10	2	7	33	16
25 to 99		1	1	5	-	3	6	7	6
100 to 299		-	3	1	-	-	4	-	4
300 to 999		-	1	1	-	-	-	1	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	4	8	12	6	5	14	37	19
	1978	-	10	5	9	6	13	34	21
	number, 1982	(D)	569	897	27	171	641	570	722
	1978	-	462	337	41	109	529	497	483
Sheep and lambs shorn	farms, 1982	2	8	14	6	5	13	33	19
	1978	-	9	5	8	6	11	33	21
	number, 1982	(D)	1 047	1 111	60	177	802	723	1 217
	1978	-	510	384	69	114	636	693	693
	pounds of wool, 1982	(D)	6 800	8 546	566	1 035	5 919	5 452	11 049
	1978	-	4 064	2 731	658	1 028	4 443	6 056	5 270
Sheep and lambs sold	farms, 1982	2	9	16	5	4	14	31	20
	1978	-	9	5	6	7	15	33	19
	number, 1982	(D)	718	321	58	144	496	525	608
	1978	-	480	155	64	1 248	577	434	470
Sheep, lambs, and wool sold	farms, 1982	2	10	17	6	5	14	36	22
	1978	-	10	5	8	8	15	36	23
	$1,000, 1982	(D)	48	16	2	5	26	39	40
	1978	-	29	8	3	(D)	32	30	37
Horses and ponies inventory	farms, 1982	37	78	127	87	85	55	174	178
	1978	32	62	126	63	67	53	140	173
	number, 1982	156	492	620	317	497	225	1 040	760
	1978	178	253	457	278	366	203	812	655
Horses and ponies sold	farms, 1982	12	20	26	18	23	8	60	26
	1978	8	16	22	17	15	11	42	26
	number, 1982	23	47	84	40	69	17	174	51
	1978	18	53	46	56	91	38	128	52
	$1,000, 1982	10	33	93	37	103	18	259	50
	1978	31	19	18	22	79	25	183	30

Table 13. **Sheep and Horses—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Sheep and lambs inventory	farms, 1982	6	9	25	55	18	16	11	16
	1978	7	4	13	40	7	13	2	13
	number, 1982	406	393	1 188	1 147	516	456	426	1 390
	1978	444	(D)	1 459	839	171	585	(D)	843
1982 farms by inventory:									
1 to 24		1	7	15	41	13	5	5	5
25 to 99		3	1	7	13	4	11	5	6
100 to 299		2	-	2	1	1	-	1	5
300 to 999		-	1	1	-	-	-	-	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 yaar old or older	farms, 1982	5	7	21	48	13	16	10	13
	1978	7	3	10	34	6	13	2	13
	number, 1982	212	(D)	595	700	220	357	306	961
	1978	288	(D)	236	454	113	408	(D)	552
Sheep end lambs shorn	farms, 1982	5	5	17	39	12	16	9	14
	1978	7	3	9	30	6	13	2	13
	number, 1982	231	(D)	980	791	257	385	380	1 151
	1978	310	(D)	552	715	155	636	(D)	620
	pounds of wool, 1982	1 517	(D)	7 198	6 106	2 073	3 420	3 192	9 299
	1978	2 261	(D)	6 320	5 949	1 174	5 420	(D)	5 433
Sheep and lambs sold	farms, 1982	5	7	18	45	13	12	10	14
	1978	7	2	14	33	10	14	2	14
	number, 1982	162	(D)	931	876	440	281	401	749
	1978	286	(D)	(D)	533	83	660	(D)	569
Sheep, lambs, and wool sold	farms, 1982	5	7	21	48	15	16	11	15
	1978	7	3	14	35	11	14	2	14
	$1,000, 1982	9	(D)	53	86	15	14	20	41
	1978	18	(D)	(D)	33	6	35	(D)	30
Horses and ponies inventory	farms, 1982	22	96	155	262	89	54	34	124
	1978	23	98	161	200	101	38	31	116
	number, 1982	174	620	763	2 408	516	222	142	561
	1978	170	523	647	2 232	482	171	139	489
Horses and ponies sold	farms, 1982	7	26	23	103	20	9	6	23
	1978	3	27	33	105	22	7	10	24
	number, 1982	(D)	77	73	264	97	28	21	67
	1978	(D)	68	109	361	123	42	20	67
	$1,000, 1982	(D)	50	54	563	73	26	15	43
	1978	(D)	36	58	733	75	15	12	25

Item		Oscoda	Otsego	Ottawa	Presqua Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Sheep and lambs inventory	farms, 1982	9	4	36	2	1	30	61	56
	1978	3	2	28	2	-	28	33	54
	number, 1982	487	102	1 171	(D)	(D)	1 181	1 097	2 444
	1978	(D)	(D)	663	(D)	-	1 099	506	2 271
1982 farms by inventory:									
1 to 24		2	1	22	2	1	23	52	28
25 to 99		5	3	9	-	-	6	8	23
100 to 299		2	-	5	-	-	-	1	5
300 to 999		-	-	-	-	-	1	-	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	9	4	31	2	-	22	55	53
	1978	2	2	24	1	-	27	24	50
	number, 1982	340	75	629	(D)	-	718	596	1 628
	1978	(D)	(D)	475	(D)	-	612	350	1 438
Sheep and lambs shorn	farms, 1982	10	4	38	2	1	18	44	48
	1978	1	1	23	2	-	24	27	51
	number, 1982	532	65	980	(D)	(D)	1 119	730	1 989
	1978	(D)	(D)	503	(D)	-	624	425	1 973
	pounds of wool, 1982	3 381	411	7 182	(D)	(D)	7 584	5 866	15 662
	1978	(D)	(D)	3 339	(D)	-	4 991	3 409	17 080
Sheep and lambs sold	farms, 1982	10	4	43	2	1	21	47	51
	1978	4	2	29	1	-	22	34	54
	number, 1982	367	64	1 127	(D)	(D)	1 145	751	1 630
	1978	(D)	(D)	435	(D)	-	427	470	2 422
Sheep, lambs, and wool sold	farms, 1982	10	4	45	2	1	21	54	53
	1978	4	2	30	2	-	25	35	58
	$1,000, 1982	21	3	49	(D)	(D)	77	41	93
	1978	(D)	(D)	25	(D)	-	25	23	158
Horses and ponies inventory	farms, 1982	29	14	210	45	20	163	225	207
	1978	24	19	216	27	12	115	210	238
	number, 1982	228	89	1 038	202	185	856	1 176	1 366
	1978	181	100	994	85	156	515	930	1 265
Horses and ponies sold	farms, 1982	8	3	60	6	9	51	69	54
	1978	10	4	50	2	5	26	55	53
	number, 1982	18	(D)	179	19	21	200	190	224
	1978	17	5	161	(D)	38	75	167	124
	$1,000, 1982	11	(D)	256	9	22	249	227	153
	1978	11	2	176	(D)	13	80	194	106

Table 13. **Sheep and Horses—Inventory and Sales: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Senilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Sheep and lambs inventory	farms, 1982	32	1	56	37	33	201	12	4
	1978	25	1	42	26	24	209	12	2
	number, 1982	1 042	(D)	1 841	1 166	1 151	18 945	126	104
	1978	509	(D)	1 417	767	430	21 276	167	(D)
1982 farms by inventory:									
1 to 24		19	1	35	28	17	49	10	1
25 to 99		10	-	15	5	13	82	2	3
100 to 299		3	-	6	4	3	62	-	-
300 to 999		-	-	-	-	-	8	-	-
1,000 or more		-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1982	25	-	51	31	27	186	9	2
	1978	22	1	39	23	24	195	10	2
	number, 1982	694	-	1 222	658	684	9 504	79	(D)
	1978	348	(D)	1 020	536	317	9 916	72	(D)
Sheep and lambs shorn	farms, 1982	26	-	52	33	26	191	8	3
	1978	19	-	41	22	19	199	9	2
	number, 1982	1 093	-	1 847	886	866	18 625	104	(D)
	1978	444	-	1 204	635	346	21 113	104	(D)
	pounds of wool, 1982	8 895	-	14 490	8 349	7 097	143 173	722	(D)
	1978	4 033	-	10 083	5 256	2 954	166 629	674	(D)
Sheep and lambs sold	farms, 1982	29	-	49	32	30	201	13	4
	1978	18	-	35	24	19	206	8	1
	number, 1982	1 030	-	1 589	590	540	15 219	164	89
	1978	269	-	1 023	487	299	16 418	125	(D)
Sheep, lambs, and wool sold	farms, 1982	29	-	55	35	31	206	15	4
	1978	20	-	43	26	22	210	11	2
	$1,000, 1982	47	-	81	33	32	929	5	4
	1978	18	-	65	32	21	1 102	10	(D)
Horses and ponies inventory	farms, 1982	196	15	181	194	197	312	80	35
	1978	216	12	182	168	201	297	56	34
	number, 1982	886	54	1 019	823	840	2 184	827	130
	1978	749	57	1 017	587	878	2 075	537	109
Horses and ponies sold	farms, 1982	41	2	45	37	38	102	35	10
	1978	33	3	55	26	44	89	31	4
	number, 1982	96	(D)	183	133	104	377	114	43
	1978	65	(D)	238	83	123	284	98	13
	$1,000, 1982	78	(D)	519	88	116	908	131	31
	1978	43	(D)	601	61	95	427	266	12

Table 14. Poultry—Inventory and Sales: 1982 and 1978

[For meaning of abbrevietions end symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY								
Any poultry	farms, 1982	6 734	45	11	222	77	45	38
	1978	7 089	45	15	238	78	35	50
Chickens 3 months old or older	farms, 1982	5 788	39	10	188	72	37	35
	1978	6 146	39	14	186	70	30	45
	number, 1982	7 572 108	(D)	176	1 209 243	14 257	(D)	6 347
	1978	7 011 188	(D)	573	990 726	28 026	(D)	10 617
Hens end pullets of laying age	farms, 1982	5 710	39	10	182	71	37	35
	1978	6 022	38	14	177	68	29	45
	number, 1982	6 604 657	(D)	(D)	1 120 107	14 115	(D)	6 278
	1978	8 218 731	(D)	(D)	797 612	27 643	(D)	10 376
1982 farms by inventory:								
1 to 99		4 993	37	10	131	66	34	30
100 to 399		430	1	-	11	3	1	3
400 to 1,599		64	-	-	3	-	-	-
1,600 to 3,199		20	-	-	2	1	-	2
3,200 to 9,999		60	-	-	11	1	-	-
10,000 to 19,999		66	-	-	12	-	2	-
20,000 to 49,999		44	1	-	6	-	-	-
50,000 to 99,999		21	-	-	2	-	-	-
100,000 or more	farms	12	-	-	4	-	-	-
	number	2 420 783	-	-	561 989	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	683	2	1	18	5	-	6
	1978	744	10	1	32	11	2	5
	number, 1982	967 451	(D)	(D)	89 136	142	-	69
	1978	792 457	180	(D)	193 114	383	(D)	241
Pullet chicks end pullets under 3 months old	farms, 1982	183	1	-	11	3	2	1
	1978	189	3	-	10	4	-	3
	number, 1982	1 114 637	(D)	-	250 556	(D)	(D)	(D)
	1978	687 378	(D)	-	135 180	91	-	179
Broilers end other meat-type chickens	farms, 1982	1 530	10	6	53	14	6	9
	1978	1 350	9	4	44	18	5	13
	number, 1982	182 326	347	232	(D)	534	308	277
	1978	207 161	478	275	44 394	983	599	593
Turkeys	farms, 1982	689	3	3	11	7	5	4
	1978	457	2	4	15	3	5	3
	number, 1982	778 908	(D)	(D)	(D)	60	10 908	10
	1978	509 105	(D)	29	83 083	10	9 307	17
Turkey hens kept for breeding	farms, 1982	269	1	1	3	1	3	2
	1978	194	1	1	6	1	5	1
	number, 1982	43 754	(D)	(D)	4	(D)	(D)	(D)
	1978	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ducks, geese, end other poultry	farms, 1982	1 713	11	3	37	16	9	6
	1978	1 767	15	3	65	21	6	5
SALES								
Any poultry sold	farms, 1982	3 100	16	6	125	23	22	11
	1978	3 053	14	8	137	31	22	14
	$1,000, 1982	101 375	(D)	2	14 665	(D)	938	(D)
	1978	78 304	(D)	(D)	9 514	237	839	93
Chickens 3 months old or older sold	farms, 1982	1 074	4	1	68	7	8	6
	1978	1 222	5	2	86	11	12	8
	number, 1982	7 578 366	(D)	(D)	1 331 258	(D)	31 311	1 495
	1978	6 629 843	(D)	(D)	895 116	(D)	63 750	7 626
Hens end pullets of laying age sold	farms, 1982	1 013	4	1	58	7	8	6
	1978	1 167	5	2	73	11	11	8
	number, 1982	4 791 058	(D)	(D)	796 808	(D)	31 311	1 495
	1978	4 565 325	(D)	(D)	578 972	(D)	(D)	7 626
Pullets 3 months old or older not of laying age sold	farms, 1982	81	-	-	13	-	-	-
	1978	75	-	-	13	-	1	-
	number, 1982	2 787 308	-	-	534 450	-	-	-
	1978	2 064 518	-	-	316 144	-	(D)	-
Pullet chicks end pullets under 3 months old sold	farms, 1982	36	-	-	-	3	-	-
	1978	26	-	-	1	-	-	-
	number, 1982	13 327	-	-	-	(D)	-	-
	1978	(D)	-	-	(D)	-	-	-
Broilers end other meat-type chickens sold	farms, 1982	636	4	1	28	4	2	2
	1978	493	3	1	19	6	3	2
	number, 1982	801 403	132	(D)	(D)	124	(D)	(D)
	1978	498 339	108	(D)	114 997	2 845	350	(D)
1982 farms by number sold:								
1 to 1,999		627	4	1	26	4	2	2
2,000 to 15,999		4	-	-	-	-	-	-
16,000 to 59,999		2	-	-	1	-	-	-
60,000 to 99,999		2	-	-	-	-	-	-
100,000 to 499,999		1	-	-	1	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	265	-	1	9	2	3	-
	1978	165	2	2	7	-	8	1
	number, 1982	1 901 774	-	(D)	(D)	(D)	14 400	-
	1978	1 110 463	(D)	(D)	(D)	-	22 100	(D)
Turkeys for sleughter sold	farms, 1982	247	-	1	9	2	1	-
	1978	157	1	2	7	-	2	1
	number, 1982	1 850 774	-	(D)	(D)	(D)	(D)	-
	1978	(D)	(D)	(D)	(D)	-	(D)	(D)
Ducks, geese, end other poultry sold	farms, 1982	378	2	-	13	-	-	-
	1978	387	-	-	10	3	2	1

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Berrien	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY								
Any poultry	farms, 1982	11	134	68	26	132	138	136
	1978	11	138	100	20	151	147	133
Chickens 3 months old or older	farms, 1982	10	120	64	26	118	111	116
	1978	10	116	87	18	122	134	117
	number, 1982	266	(D)	4 634	1 312	182 361	14 648	127 674
	1978	223	65 534	8 959	347	241 648	36 018	100 505
Hens and pullets of laying age	farms, 1982	10	120	63	26	114	110	115
	1978	9	114	83	18	121	134	117
	number, 1982	266	(D)	3 927	(D)	(D)	14 347	127 440
	1978	(D)	65 106	8 706	347	(D)	35 914	100 424
1982 farms by inventory:								
1 to 99		9	112	54	23	106	99	97
100 to 399		1	4	8	2	5	8	10
400 to 1,599		-	2	1	1	-	1	-
1,600 to 3,199		-	-	-	-	-	1	-
3,200 to 9,999		-	-	-	-	-	1	4
10,000 to 19,999		-	1	-	-	-	-	3
20,000 to 49,999		-	-	-	-	2	-	-
50,000 to 99,999		-	1	-	-	1	-	1
100,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	-	13	10	3	20	10	6
	1978	2	15	12	-	16	7	7
	number, 1982	-	146	707	(D)	(D)	301	234
	1978	(D)	428	253	-	(D)	104	81
Pullet chicks and pullets under 3 months old	farms, 1982	1	3	2	1	-	3	4
	1978	1	4	2	-	2	1	-
	number, 1982	(D)	(D)	(D)	(D)	-	130	210
	1978	(D)	38	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens	farms, 1982	1	29	17	5	36	40	27
	1978	2	28	26	3	25	17	20
	number, 1982	(D)	1 061	1 072	123	1 774	2 691	14 744
	1978	(D)	21 998	1 575	324	5 337	1 018	738
Turkeys	farms, 1982	1	11	5	4	11	9	18
	1978	-	12	1	2	6	5	7
	number, 1982	(D)	41 648	52	40	56	24	460
	1978	-	4 294	(D)	(D)	65	32	281
Turkey hens kept for breeding	farms, 1982	-	5	3	3	4	2	6
	1978	-	8	1	1	1	3	4
	number, 1982	-	(D)	9	(D)	8	(D)	15
	1978	-	(D)	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry	farms, 1982	1	30	13	4	44	33	33
	1978	4	33	13	4	49	32	41
SALES								
Any poultry sold	farms, 1982	3	55	38	11	45	57	65
	1978	2	57	40	7	70	49	67
	$1,000, 1982	(D)	2 323	67	9	1 477	117	1 277
	1978	(D)	1 094	152	2	1 816	(D)	651
Chickens 3 months old or older sold	farms, 1982	-	25	13	3	13	14	38
	1978	-	21	15	-	25	22	28
	numuer, 1982	-	68 319	(D)	62	181 901	7 345	87 907
	1978	-	56 239	(D)	-	327 615	28 934	75 439
Hens and pullets of laying age sold	farms, 1982	-	25	12	3	12	13	37
	1978	-	21	15	-	24	22	28
	number, 1982	-	68 319	1 299	62	(D)	(D)	(D)
	1978	-	56 239	(D)	-	(D)	28 934	75 439
Pullets 3 months old or older not of laying age sold	farms, 1982	-	-	1	-	1	1	1
	1978	-	-	-	-	2	-	-
	number, 1982	-	-	(D)	-	(D)	(D)	(D)
	1978	-	-	-	-	(D)	-	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	-	-	-	-	-
	1978	-	-	1	-	-	-	-
	number, 1982	-	-	-	-	-	-	-
	1978	-	-	(D)	-	-	-	-
Broilers and other meat-type chickens sold	farms, 1982	-	7	8	2	8	15	6
	1978	-	11	10	1	16	9	11
	number, 1982	-	203	806	(D)	771	2 086	(D)
	1978	-	(D)	1 325	(D)	1 946	1 022	517
1982 farms by number sold:								
1 to 1,999		-	7	8	2	8	15	5
2,000 to 15,999		-	-	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	1
100,000 to 499,999		-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	1	7	1	1	3	-	5
	1978	-	3	-	-	5	2	9
	number, 1982	(D)	98 514	(D)	(D)	27	-	(D)
	1978	-	(D)	-	-	85	(D)	(D)
Turkeys for slaughter sold	farms, 1982	1	6	1	1	3	-	5
	1978	-	2	-	-	5	2	9
	number, 1982	(D)	(D)	(D)	(D)	27	-	(D)
	1978	-	(D)	-	-	85	(D)	(D)
Ducks, geese, and other poultry sold	farms, 1982	-	4	4	1	5	10	7
	1978	-	7	2	2	17	4	11

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygen	Chippewa	Clare	Clinton	Crawford
INVENTORY								
Any poultry	farms, 1982	113	41	40	40	36	126	7
	1978	124	47	45	50	43	150	6
Chickens 3 months old or older	farms, 1982	99	35	36	36	29	111	6
	1978	99	42	40	45	39	122	5
	number, 1982	59 257	26 968	1 444	(D)	817	28 994	182
	1978	(D)	31 503	1 523	(D)	1 555	39 494	155
Hens and pullets of laying age	farms, 1982	98	35	35	35	28	110	6
	1978	97	41	39	45	38	120	5
	number, 1982	(D)	26 916	(D)	(D)	714	27 440	162
	1978	(D)	(D)	1 365	(D)	1 453	39 188	(D)
1982 farms by inventory:								
1 to 99		85	31	33	30	27	98	6
100 to 399		8	1	2	4	1	9	-
400 to 1,599		2	-	-	-	-	1	-
1,600 to 3,199		1	-	-	-	-	1	-
3,200 to 9,999		-	1	-	-	-	-	-
10,000 to 19,999		1	2	-	-	-	-	-
20,000 to 49,999		1	-	-	-	-	1	-
50,000 to 99,999		-	-	-	1	-	-	-
100,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	7	4	2	3	8	13	-
	1978	10	8	5	2	6	8	1
	number, 1982	(D)	52	(D)	(D)	103	1 554	-
	1978	237	(D)	158	(D)	102	306	(D)
Pullet chicks and pullets under 3 months old	farms, 1982	3	-	1	-	1	1	-
	1978	2	4	-	-	-	3	-
	number, 1982	(D)	-	(D)	-	(D)	(D)	-
	1978	(D)	(D)	-	-	-	(D)	-
Broilers and other meat-type chickens	farms, 1982	22	6	7	7	4	23	2
	1978	28	5	10	8	6	35	-
	number, 1982	1 505	573	215	268	152	855	(D)
	1978	8 662	372	328	117	681	2 188	-
Turkeys	farms, 1982	12	3	10	4	4	11	2
	1978	7	3	2	2	-	8	1
	number, 1982	68	3	87	(D)	30	70	(D)
	1978	288	36	(D)	(D)	-	58	(D)
Turkey hens kept for breeding	farms, 1982	7	2	3	2	2	2	2
	1978	4	1	-	2	-	2	1
	number, 1982	43	(D)	5	(D)	(D)	(D)	(D)
	1978	(D)	(D)	-	(D)	-	(D)	(D)
Ducks, geese, and other poultry	farms, 1982	42	9	6	8	13	30	4
	1978	31	5	5	11	10	35	3
SALES								
Any poultry sold	farms, 1982	47	15	21	19	9	55	2
	1978	56	10	22	22	18	66	2
	$1,000, 1982	857	312	8	(D)	2	(D)	(D)
	1978	691	338	5	(D)	8	354	(D)
Chickens 3 months old or older sold	farms, 1982	16	5	5	3	1	14	1
	1978	19	4	3	7	9	25	-
	number, 1982	14 480	17 636	523	(D)	(D)	(D)	(D)
	1978	37 808	19 900	70	(D)	238	34 430	-
Hens and pullets of laying age sold	farms, 1982	16	5	5	3	1	14	1
	1978	19	4	3	7	8	25	-
	number, 1982	14 480	17 636	523	(D)	(D)	(D)	(D)
	1978	(D)	19 900	70	(D)	(D)	34 430	-
Pullets 3 months old or older not of laying age sold	farms, 1982	-	-	-	1	-	-	-
	1978	1	-	-	-	1	-	-
	number, 1982	-	-	-	(D)	-	-	-
	1978	(D)	-	-	-	(D)	-	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	1	1	-	-	-	1	-
	1978	1	-	-	1	-	-	-
	number, 1982	(D)	(D)	-	-	-	(D)	-
	1978	(D)	-	-	(D)	-	-	-
Broilers and other meat-type chickens sold	farms, 1982	9	2	3	-	-	9	-
	1978	16	-	3	3	-	16	-
	number, 1982	1 304	(D)	34	-	-	427	-
	1978	(D)	-	(D)	145	-	1 523	-
1982 farms by number sold:								
1 to 1,999		9	2	3	-	-	9	-
2,000 to 15,999		-	-	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	3	1	4	2	1	2	1
	1978	2	1	-	-	-	2	-
	number, 1982	(D)	(D)	57	(D)	(D)	(D)	(D)
	1978	(D)	(D)	-	-	-	(D)	-
Turkeys for slaughter sold	farms, 1982	3	1	4	2	1	2	1
	1978	2	1	-	-	-	2	-
	number, 1982	(D)	(D)	57	(D)	(D)	(D)	(D)
	1978	(D)	(D)	-	-	-	(D)	-
Ducks, geese, and other poultry sold	farms, 1982	6	2	1	1	2	5	1
	1978	12	1	-	2	3	8	-

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY								
Any poultry	farms, 1982	51	20	139	48	110	76	8
	1978	50	19	154	30	127	80	10
Chickens 3 months old or older	farms, 1982	48	12	116	43	96	68	7
	1978	44	16	128	27	109	76	7
	number, 1982	1 890	622	53 882	1 376	12 821	3 774	868
	1978	1 834	855	33 433	633	64 173	2 951	266
Hens and pullets of laying age	farms, 1982	48	12	116	41	96	67	7
	1978	44	16	126	27	104	76	7
	number, 1982	1 784	(D)	53 673	1 309	12 685	3 429	(D)
	1978	1. 794	(D)	32 974	588	63 294	2 679	266
1982 farms by inventory:								
1 to 99		44	11	105	39	87	57	6
100 to 399		4	1	6	2	7	8	-
400 to 1,599		-	-	-	-	1	2	1
1,600 to 3,199		-	-	2	-	-	-	-
3,200 to 9,999		-	-	1	-	1	-	-
10,000 to 19,999		-	-	1	-	-	-	-
20,000 to 49,999		-	-	1	-	-	-	-
50,000 to 99,999		-	-	-	-	-	-	-
100,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	4	1	9	6	12	13	1
	1978	3	2	24	3	21	9	-
	number, 1982	106	(D)	209	67	136	345	(D)
	1978	40	(D)	459	45	879	272	-
Pullet chicks and pullets under 3 months old	farms, 1982	3	2	4	-	4	1	-
	1978	2	-	3	-	2	5	-
	number, 1982	(D)	(D)	60	-	63	(D)	-
	1978	(D)	-	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens	farms, 1982	11	4	26	9	20	19	2
	1978	9	4	33	7	19	9	-
	number, 1982	225	230	811	256	857	1 082	(D)
	1978	346	112	943	276	905	431	-
Turkeys	farms, 1982	9	3	16	6	12	6	4
	1978	5	3	10	3	9	5	1
	number, 1982	53	19	162	30	117	75	27
	1978	40	20	56	25	240	34	(D)
Turkey hens kept for breeding	farms, 1982	1	-	8	2	5	5	-
	1978	-	1	5	-	4	5	-
	number, 1982	(D)	-	52	(D)	20	25	-
	1978	-	(D)	15	-	(D)	(D)	-
Ducks, geese, and other poultry	farms, 1982	8	10	44	9	37	8	1
	1978	11	5	40	4	38	17	3
SALES								
Any poultry sold	farms, 1982	28	5	58	15	56	37	5
	1978	21	7	40	8	53	20	3
	$1,000, 1982	12	3	351	6	123	24	3
	1978	8	5	251	2	505	20	(D)
Chickens 3 months old or older sold	farms, 1982	9	2	19	1	18	9	1
	1978	5	4	10	3	17	13	-
	number, 1982	291	(D)	32 305	(D)	10 344	453	(D)
	1978	302	390	27 542	58	47 933	464	-
Hens and pullets of laying age sold	farms, 1982	9	2	18	1	16	9	1
	1978	4	4	10	3	17	11	-
	number, 1982	(D)	(D)	(D)	(D)	(D)	453	(D)
	1978	(D)	390	27 542	58	(D)	(D)	-
Pullets 3 months old or older not of laying age sold	farms, 1982	1	-	1	-	2	-	-
	1978	1	-	-	-	2	2	-
	number, 1982	(D)	-	(D)	-	(D)	-	-
	1978	(D)	-	-	-	(D)	(D)	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	-	-	1	-	-
	1978	1	-	-	-	-	2	-
	number, 1982	-	-	-	-	(D)	-	-
	1978	(D)	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold	farms, 1982	6	1	11	-	11	9	1
	1978	6	-	4	3	8	5	-
	number, 1982	215	(D)	394	-	303	3 145	(D)
	1978	89	-	249	116	736	(D)	-
1982 farms by number sold:								
1 to 1,999		6	1	11	-	11	9	1
2,000 to 15,999		-	-	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	5	-	6	1	5	1	2
	1978	1	-	-	-	3	-	-
	number, 1982	152	-	(D)	(D)	14	(D)	(D)
	1978	(D)	-	-	-	(D)	-	-
Turkeys for slaughter sold	farms, 1982	5	-	5	1	4	1	2
	1978	1	-	-	-	3	-	-
	number, 1982	152	-	(D)	(D)	(D)	(D)	(D)
	1978	(D)	-	-	-	(D)	-	-
Ducks, geese, and other poultry sold	farms, 1982	3	1	6	2	12	1	-
	1978	5	1	7	-	10	4	-

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY								
Any poultry—farms, 1982	49	92	158	40	115	148	104	35
1978	47	115	163	38	150	108	101	46
Chickens 3 months old or older—farms, 1982	46	81	124	29	92	124	87	32
1978	47	97	144	27	134	94	82	41
number, 1982	7 879	162 570	102 981	11 309	1 406 243	22 164	(D)	706
1978	(D)	267 308	121 909	9 411	855 136	97 176	379 009	913
Hens and pullets of laying age—farms, 1982	45	78	124	28	90	123	87	31
1978	47	94	139	27	130	94	78	40
number, 1982	7 852	89 081	102 705	11 281	1 262 577	21 784	(D)	650
1978	(D)	(D)	121 581	(D)	(D)	(D)	(D)	827
1982 farms by inventory:								
1 to 99	43	73	113	22	51	111	81	31
100 to 399	1	1	5	3	7	9	4	-
400 to 1,599	-	1	-	1	1	1	-	-
1,600 to 3,199	-	-	-	1	-	-	-	-
3,200 to 9,999	1	1	1	1	-	2	-	-
10,000 to 19,999	-	-	3	-	13	-	-	-
20,000 to 49,999	-	1	2	-	11	-	1	-
50,000 to 99,999	-	1	-	-	5	-	-	-
100,000 or more—farms	-	-	-	-	2	-	1	-
number	-	-	-	-	(D)	-	(D)	-
Pullets 3 months old or older not of laying age—farms, 1982	5	8	11	3	8	14	13	5
1978	2	9	17	1	15	7	12	6
number, 1982	27	73 489	276	28	143 666	380	(D)	56
1978	(D)	(D)	328	(D)	(D)	(D)	(D)	86
Pullet chicks and pullets under 3 months old—farms, 1982	-	4	6	1	4	3	6	-
1978	-	3	8	1	4	-	4	1
number, 1982	-	(D)	(D)	(D)	(D)	(D)	(D)	-
1978	-	(D)	(D)	(D)	350	-	(D)	(D)
Broilers and other meat-type chickens—farms, 1982	11	24	30	9	31	28	28	10
1978	3	12	38	9	29	24	36	9
number, 1982	517	1 142	1 800	257	3 011	888	1 938	623
1978	175	447	2 169	267	2 203	1 628	1 506	101
Turkeys—farms, 1982	7	10	11	10	7	18	10	2
1978	4	7	9	6	3	7	6	6
number, 1982	64	62	108	106	141	61	41	(D)
1978	12	22	33	60	19	350	61	413
Turkey hens kept for breeding—farms, 1982	4	2	4	-	2	4	2	1
1978	2	1	5	-	2	2	5	1
number, 1982	5	(D)	14	-	(D)	12	(D)	(D)
1978	(D)	(D)	16	-	(D)	(D)	20	(D)
Ducks, geese, and other poultry—farms, 1982	5	19	35	8	18	46	25	7
1978	5	30	44	11	20	30	29	17
SALES								
Any poultry sold—farms, 1982	21	42	77	17	78	75	31	14
1978	15	48	75	23	88	49	43	9
$1,000, 1982	(D)	1 676	1 333	130	14 333	247	(D)	3
1978	(D)	3 384	1 329	110	7 695	482	3 942	7
Chickens 3 months old or older sold—farms, 1982	5	21	20	3	45	25	6	4
1978	5	24	35	8	48	20	9	2
number, 1982	(D)	274 036	218 813	(D)	1 290 746	14 548	(D)	111
1978	(D)	404 081	283 858	7 852	957 409	41 536	344 220	(D)
Hens and pullets of laying age sold—farms, 1982	5	16	18	3	40	25	6	4
1978	5	20	33	8	43	20	9	2
number, 1982	(D)	99 102	(D)	(D)	830 746	14 548	(D)	111
1978	(D)	245 077	(D)	7 852	(D)	(D)	344 220	(D)
Pullets 3 months old or older not of laying age sold—farms, 1982	-	7	2	-	6	-	-	-
1978	-	4	2	-	5	1	-	-
number, 1982	-	174 934	(D)	-	460 000	-	-	-
1978	-	159 004	(D)	-	(D)	(D)	-	-
Pullet chicks and pullets under 3 months old sold—farms, 1982	-	-	-	-	-	1	-	1
1978	-	-	2	-	2	-	1	-
number, 1982	-	-	-	-	-	(D)	-	(D)
1978	-	-	(D)	-	(D)	-	(D)	-
Broilers and other meat-type chickens sold—farms, 1982	2	8	19	2	16	12	9	4
1978	1	7	14	2	16	9	13	2
number, 1982	(D)	361	2 541	(D)	2 215	772	1 227	332
1978	(D)	2 260	2 140	(D)	1 675	1 109	1 056	(D)
1982 farms by number sold:								
1 to 1,999	2	8	19	2	16	12	9	4
2,000 to 15,999	-	-	-	-	-	-	-	-
16,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more—farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold—farms, 1982	2	5	6	4	3	3	2	1
1978	-	1	2	2	1	4	3	2
number, 1982	(D)	34	(D)	59	(D)	37	(D)	(D)
1978	-	(D)	(D)	(D)	(D)	314	(D)	(D)
Turkeys for slaughter sold—farms, 1982	2	5	6	4	3	3	2	1
1978	-	1	2	2	1	4	3	2
number, 1982	(D)	34	(D)	59	5	(D)	(D)	(D)
1978	-	(D)	(D)	(D)	(D)	314	(D)	(D)
Ducks, geese, and other poultry sold—farms, 1982	1	8	5	1	5	6	3	2
1978	-	4	11	1	9	8	9	1

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Kawaenaw	Leke
INVENTORY									
Any poultry	ferms, 1982	18	91	168	117	16	168	1	28
	1978	13	99	175	106	18	117	3	27
Chickans 3 months old or older	farms, 1982	16	82	159	103	15	147	1	22
	1978	13	89	160	94	16	102	3	25
	number, 1982	1 220	(D)	16 833	253 529	390	(D)	(D)	3 332
	1978	1 974	(D)	23 678	171 375	1 513	(D)	(D)	2 931
Hens and pullats of laying aga	farms, 1982	16	82	158	98	15	147	1	22
	1978	13	88	158	92	16	101	3	25
	number, 1982	(D)	(D)	16 653	160 348	390	(D)	(D)	3 277
	1978	1 974	(D)	23 243	(D)	(D)	(D)	(D)	(D)
1982 farms by inventory:									
1 to 99		14	72	145	80	15	138	1	21
100 to 399		1	9	11	7	-	8	-	-
400 to 1,599		1	-	1	1	-	-	-	-
1,600 to 3,199		-	-	-	2	-	-	-	1
3,200 to 9,999		-	-	-	2	-	-	-	-
10,000 to 19,999		-	-	1	2	-	-	-	-
20,000 to 49,999		-	-	-	3	-	-	-	-
50,000 to 99,999		-	1	-	1	-	1	-	-
100,000 or mora	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Pullats 3 months old or older not of laying age	farms, 1982	3	9	13	22	-	16	-	4
	1978	-	16	22	5	1	13	-	1
	number, 1982	(D)	408	180	93 181	-	1 028	-	55
	1978	-	246	435	(D)	(D)	(D)	-	(D)
Pullat chicks and pullats under 3 months old	farms, 1982	-	5	5	3	-	7	-	-
	1978	-	7	5	5	2	2	-	1
	number, 1982	-	(D)	85	123	-	(D)	-	-
	1978	-	(D)	(D)	(D)	(D)	(D)	-	(D)
Broilers and other maat-type chickens	farms, 1982	4	30	26	27	4	38	-	6
	1978	3	14	27	13	2	20	-	9
	number, 1982	88	1 045	514	1 023	(D)	2 000	-	126
	1978	54	424	913	646	(D)	1 037	-	143
Turkeys	ferms, 1982	3	10	21	10	1	13	-	3
	1978	-	4	7	4	5	2	1	2
	number, 1982	19	29	119	32	(D)	65	-	5
	1978	-	32	21	16	69	(D)	(D)	(D)
Turkey hens kept for breeding	farms, 1982	-	6	15	4	1	4	-	1
	1978	-	4	3	1	2	-	1	1
	number, 1982	-	11	66	7	(D)	16	-	(D)
	1978	-	(D)	7	(D)	(D)	-	(D)	(D)
Ducks, geese, and other poultry	farms, 1982	3	25	51	28	4	43	-	10
	1978	3	26	32	22	4	25	2	9
SALES									
Any poultry sold	farms, 1982	10	32	83	59	9	70	1	9
	1978	3	44	65	47	12	45	1	9
	$1,000, 1982	(D)	(D)	177	1 700	1	(D)	(D)	(D)
	1978	(D)	(D)	213	1 556	11	1 562	(D)	(D)
Chickens 3 months old or older sold	farms, 1982	3	11	21	23	1	17	-	3
	1978	2	18	23	18	3	23	-	2
	number, 1982	140	(D)	(D)	142 643	(D)	(D)	-	(D)
	1978	(D)	147 760	18 147	242 980	(D)	136 092	-	(D)
Hens and pullets of laying age sold	farms, 1982	3	10	21	21	1	17	-	3
	1978	2	17	23	17	3	23	-	2
	number, 1982	140	(D)	(D)	(D)	(D)	(D)	-	(D)
	1978	(D)	(D)	18 147	(D)	(D)	136 092	-	(D)
Pullets 3 months old or older not of laying age sold	farms, 1982	-	1	-	2	-	1	-	1
	1978	-	1	-	1	-	-	-	-
	number, 1982	-	(D)	-	(D)	-	(D)	-	(D)
	1978	-	(D)	-	(D)	-	-	-	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	-	1	-	2	-	-
	1978	-	-	-	2	-	1	-	-
	number, 1982	-	-	-	(D)	-	(D)	-	-
	1978	-	-	-	(D)	-	(D)	-	-
Broilers and other meat-type chickens sold	farms, 1982	1	4	25	12	2	17	-	1
	1978	-	4	9	7	1	9	-	1
	number, 1982	(D)	138	1 313	774	(D)	1 973	-	(D)
	1978	-	212	249	336	(D)	2 789	-	(D)
1982 farms by number sold:									
1 to 1,999		1	4	25	12	2	17	-	1
2,000 to 15,999		-	-	-	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-	-
500,000 or mora	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	2	1	6	2	1	4	-	-
	1978	-	1	4	3	1	1	-	-
	number, 1982	(D)	(D)	27	(D)	(D)	21	-	-
	1978	-	(D)	21	(D)	(D)	(D)	-	-
Turkeys for slaughter sold	farms, 1982	2	1	6	2	-	4	-	-
	1978	-	1	4	3	1	1	-	-
	number, 1982	(D)	(D)	(D)	(D)	-	21	-	-
	1978	-	(D)	21	(D)	(D)	(D)	-	-
Ducks, geese, and other poultry sold	farms, 1982	1	1	18	6	-	14	-	1
	1978	2	6	4	6	1	8	-	3

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelenau	Lenawee	Livingston	Luce	Mackinac	Mecomb	Menistee
INVENTORY									
Any poultry	farms, 1982	171	48	131	123	3	17	92	50
	1978	205	46	146	100	4	13	108	56
Chickens 3 months old or older	farms, 1982	143	39	111	112	2	13	73	44
	1978	174	39	124	90	4	12	94	53
	number, 1982	11 608	(D)	86 563	8 197	(D)	866	54 045	1 726
	1978	16 034	(D)	68 346	12 518	(D)	1 004	32 763	1 848
Hens and pullets of laying age	farms, 1982	142	39	110	112	2	13	72	44
	1978	169	39	119	89	4	11	93	50
	number, 1982	11 142	(D)	(D)	7 941	(D)	(D)	53 380	1 603
	1978	14 457	(D)	67 597	(D)	(D)	(D)	32 467	1 625
1982 farms by inventory:									
1 to 99		127	35	90	105	2	10	51	41
100 to 399		14	2	13	4	-	3	14	3
400 to 1,599		-	-	1	2	-	-	3	-
1,600 to 3,199		-	-	1	-	-	-	-	-
3,200 to 9,999		1	1	5	1	-	-	3	-
10,000 to 19,999		-	1	-	-	-	-	-	-
20,000 to 49,999		-	-	-	-	-	-	1	-
50,000 to 99,999		-	-	-	-	-	-	-	-
100,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	19	3	11	18	-	1	9	6
	1978	40	4	19	5	-	1	11	10
	number, 1982	466	64	(D)	256	-	(D)	665	123
	1978	1 577	245	749	(D)	-	(D)	296	223
Pullet chicks and pullets under 3 months old	farms, 1982	5	2	2	5	-	-	-	-
	1978	10	-	4	1	-	-	3	-
	number, 1982	148	(D)	(D)	248	-	-	-	-
	1978	209	-	(D)	(D)	-	-	(D)	-
Broilers and other meat-type chickens	farms, 1982	36	17	31	25	-	3	26	14
	1978	51	9	39	14	1	1	26	17
	number, 1982	2 482	503	1 942	905	-	113	2 475	860
	1978	2 440	134	4 061	401	(D)	(D)	2 325	500
Turkeys	farms, 1982	23	4	7	15	1	3	10	6
	1978	26	1	13	5	1	1	10	5
	number, 1982	554	(D)	(D)	168	(D)	41	168	18
	1978	229	(D)	14 047	27	(D)	(D)	118	14
Turkey hens kept for breeding	farms, 1982	9	-	1	5	-	1	3	2
	1978	12	-	3	3	1	-	1	3
	number, 1982	20	-	(D)	18	-	(D)	4	(D)
	1978	45	-	(D)	13	(D)	-	(D)	4
Ducks, geese, and other poultry	farms, 1982	48	5	37	26	1	7	23	15
	1978	66	13	44	22	1	5	25	18
SALES									
Any poultry sold	farms, 1982	86	19	71	60	5	10	47	20
	1978	69	20	78	51	2	8	60	19
	$1,000, 1982	95	(D)	790	89	55	5	604	4
	1978	138	(D)	701	89	(D)	(D)	333	7
Chickens 3 months old or older sold	farms, 1982	19	7	29	16	4	2	21	5
	1978	16	8	28	19	2	3	23	4
	number, 1982	5 866	(D)	153 361	4 566	7 020	(D)	(D)	250
	1978	12 610	(D)	120 707	7 787	(D)	(D)	18 363	130
Hens and pullets of laying age sold	farms, 1982	18	7	27	15	4	2	21	5
	1978	15	8	24	19	2	3	23	4
	number, 1982	(D)	(D)	(D)	(D)	7 020	(D)	(D)	250
	1978	(D)	(D)	(D)	(D)	(D)	(D)	18 363	130
Pullets 3 months old or older not of laying age sold	farms, 1982	1	-	4	1	-	-	1	-
	1978	2	-	5	1	-	-	-	-
	number, 1982	(D)	-	(D)	(D)	-	-	(D)	-
	1978	(D)	-	(D)	(D)	-	-	-	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	-	1	-	-	-	-
	1978	1	-	1	-	-	-	-	-
	number, 1982	-	-	-	(D)	-	-	-	-
	1978	(D)	-	(D)	-	-	-	-	-
Broilers and other meat-type chickens sold	farms, 1982	27	2	17	12	-	1	15	6
	1978	12	1	13	9	-	-	7	4
	number, 1982	1 966	(D)	3 327	619	-	(D)	3 457	509
	1978	978	(D)	7 808	819	-	-	1 465	140
1982 farms by number sold:									
1 to 1,999		27	2	16	12	-	1	15	6
2,000 to 15,999		-	-	1	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	12	-	9	8	-	1	8	1
	1978	8	1	4	1	-	1	6	1
	number, 1982	572	-	(D)	(D)	-	(D)	340	(D)
	1978	535	(D)	(D)	(D)	-	(D)	157	(D)
Turkeys for slaughter sold	farms, 1982	12	-	9	7	-	1	7	1
	1978	8	1	4	1	-	1	6	1
	number, 1982	572	-	(D)	(D)	-	(D)	(D)	(D)
	1978	535	(D)	(D)	(D)	-	(D)	157	(D)
Ducks, geese, and other poultry sold	farms, 1982	11	-	8	7	-	3	5	1
	1978	12	2	12	8	-	1	6	-

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Marquette	Mason	Macosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY								
Any poultry — farms, 1982	31	50	89	66	69	35	180	137
1978	24	55	92	69	80	46	191	145
Chickens 3 months old or older — farms, 1982	26	46	73	54	53	30	150	125
1978	24	48	79	56	73	43	167	133
number, 1982	839	13 691	3 734	20 604	1 982	(D)	100 866	10 279
1978	1 108	23 632	(D)	16 951	2 965	(D)	107 009	71 545
Hens and pullets of laying aga — farms, 1982	26	45	70	54	53	27	150	125
1978	23	46	78	56	73	42	161	131
number, 1982	651	(D)	3 088	20 346	1 562	(D)	100 433	10 042
1978	1 033	23 360	(D)	16 899	2 781	(D)	105 399	71 319
1982 farms by invantory:								
1 to 99	25	38	65	48	51	25	126	117
100 to 399	1	3	4	5	2	1	12	7
400 to 1,599	-	2	1	-	-	-	6	-
1,600 to 3,199	-	1	-	-	-	-	-	-
3,200 to 9,999	-	1	-	-	-	-	3	1
10,000 to 19,999	-	-	-	1	-	1	1	-
20,000 to 49,999	-	-	-	-	-	-	2	-
50,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pullets 3 months old or oldar not of laying age — farms, 1982	5	2	19	6	9	5	19	12
1978	3	9	10	4	9	3	25	15
number, 1982	188	(D)	646	258	420	141	433	237
1978	75	272	814	52	184	105	1 610	226
Pullet chicks and pullets under 3 months old — farms, 1982	1	1	1	2	1	1	5	4
1978	2	2	2	1	-	-	4	4
number, 1982	(D)	(D)	(D)	(D)	(D)	(D)	37	235
1978	(D)	(D)	(D)	(D)	-	-	146	(D)
Broilers and othar meat-type chickens — farms, 1982	6	13	23	8	20	8	40	30
1978	4	12	19	11	17	7	33	24
number, 1982	85	312	1 040	163	632	411	9 278	2 031
1978	50	371	756	410	852	259	1 538	770
Turkeys — farms, 1982	9	4	11	9	8	3	29	13
1978	7	5	5	5	1	1	13	12
number, 1982	76	7	51	56	83	20	357	(D)
1978	42	14	13	30	(D)	(D)	132	5 138
Turkey hans kapt for breeding — farms, 1982	5	2	5	3	2	2	8	9
1978	1	3	2	4	1	1	5	3
number, 1982	11	(D)	23	3	(D)	(D)	44	(D)
1978	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry — farms, 1982	12	14	25	17	23	11	73	19
1978	9	10	24	20	18	10	57	27
SALES								
Any poultry sold — farms, 1982	21	25	40	21	27	11	96	55
1978	15	23	32	21	24	11	92	51
$1,000, 1982	3	124	31	(D)	5	(D)	1 624	486
1978	5	263	(D)	(D)	11	(D)	1 179	(D)
Chickens 3 months old or older sold — farms, 1982	7	10	9	8	7	2	33	22
1978	5	10	9	4	7	3	43	22
number, 1982	106	(D)	674	(D)	232	(D)	68 888	(D)
1978	67	12 709	(D)	(D)	181	16 935	82 070	34 326
Hans and pullets of laying aga sold — farms, 1982	6	10	9	8	7	2	31	22
1978	5	10	9	4	7	2	43	22
number, 1982	(D)	(D)	674	(D)	232	(D)	68 688	(D)
1978	67	(D)	(D)	(D)	181	(D)	(D)	(D)
Pullets 3 months old or older not of laying aga sold — farms, 1982	1	-	-	-	-	-	3	-
1978	-	1	-	-	-	1	1	1
number, 1982	(D)	-	-	-	-	-	200	-
1978	-	(D)	-	-	-	(D)	(D)	(D)
Pullet chicks and pullats under 3 months old sold — farms, 1982	-	-	-	1	-	-	-	1
1978	-	-	-	4	-	-	-	-
number, 1982	-	-	-	(D)	-	-	-	(D)
1978	-	-	-	3 528	-	-	-	-
Broilers and other meat-type chickens sold — farms, 1982	4	2	10	2	5	3	28	8
1978	1	6	5	-	8	4	14	6
number, 1982	163	(D)	795	(D)	540	(D)	17 955	402
1978	(D)	162	307	-	780	(D)	(D)	283
1982 farms by number sold:								
1 to 1,999	4	2	10	2	5	3	27	8
2,000 to 15,999	-	-	-	-	-	-	1	-
16,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold — farms, 1982	3	2	3	-	4	1	17	2
1978	3	2	-	1	1	1	6	4
number, 1982	(D)	(D)	17	-	48	(D)	789	(D)
1978	(D)	(D)	-	(D)	(D)	(D)	39	(D)
Turkeys for slaughtar sold — farms, 1982	3	2	2	-	4	1	16	1
1978	3	2	-	1	1	1	6	4
number, 1982	(D)	(D)	(D)	-	48	(D)	(D)	(D)
1978	(D)	(D)	-	(D)	(D)	(D)	39	(D)
Ducks, geese, and other poultry sold — farms, 1982	6	3	6	2	10	1	23	5
1978	1	3	2	4	5	-	14	2

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY									
Any poultry	farms, 1982	20	60	103	110	77	51	18	63
	1978	14	62	94	107	79	50	25	83
Chickens 3 months old or older	farms, 1982	19	52	91	91	67	44	14	58
	1978	13	54	81	100	67	46	21	77
	number, 1982	763	1 685	186 521	3 130	59 050	1 311	437	(D)
	1978	583	24 292	212 907	25 409	32 135	1 452	(D)	24 740
Hens and pullets of laying age	farms, 1982	19	52	88	90	66	42	14	57
	1978	12	54	80	100	65	46	20	75
	number, 1982	(D)	1 599	(D)	2 834	(D)	1 203	437	(D)
	1978	(D)	24 233	177 324	25 319	31 905	1 386	(D)	24 626
1982 farms by inventory:									
1 to 99		17	50	75	88	60	41	13	52
100 to 399		2	2	5	2	2	1	1	3
400 to 1,599		-	-	-	-	-	-	-	-
1,600 to 3,199		-	-	-	-	1	-	-	-
3,200 to 9,999		-	-	-	-	1	-	-	1
10,000 to 19,999		-	-	4	-	1	-	-	1
20,000 to 49,999		-	-	3	-	1	-	-	-
50,000 to 99,999		-	-	1	-	-	-	-	-
100,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	1	9	11	18	12	4	-	10
	1978	1	5	13	8	7	5	3	11
	number, 1982	(D)	86	(D)	296	(D)	108	-	195
	1978	(D)	59	35 583	90	230	66	(D)	114
Pullet chicks and pullets under 3 months old	farms, 1982	-	1	1	4	3	-	-	2
	1978	-	1	4	3	-	-	3	4
	number, 1982	-	(D)	(D)	48	70	-	-	(D)
	1978	-	(D)	(D)	21	-	-	(D)	(D)
Broilers and other meat-type chickens	farms, 1982	7	15	16	27	15	13	6	17
	1978	3	12	16	14	14	14	5	21
	number, 1982	503	610	642	971	621	778	157	428
	1978	44	874	518	273	605	447	109	294
Turkeys	farms, 1982	1	3	4	14	8	7	1	5
	1978	-	3	8	8	4	6	2	6
	number, 1982	(D)	4	(D)	159	38	25	(D)	25
	1978	-	15	24	69	22	21	(D)	14
Turkey hens kept for breeding	farms, 1982	1	1	4	8	1	2	-	2
	1978	-	2	4	2	1	4	-	3
	number, 1982	(D)	(D)	(D)	22	(D)	(D)	-	(D)
	1978	-	(D)	15	(D)	(D)	11	-	6
Ducks, geese, and other poultry	farms, 1982	1	12	27	36	15	6	5	16
	1978	2	16	19	37	19	8	5	14
SALES									
Any poultry sold	farms, 1982	8	32	45	55	41	8	11	22
	1978	4	33	46	53	29	17	11	29
	$1,000, 1982	4	21	2 026	32	568	3	3	(D)
	1978	2	(D)	1 646	237	290	6	(D)	(D)
Chickens 3 months old or older sold	farms, 1982	5	9	16	16	15	1	7	7
	1978	2	14	22	22	8	5	7	8
	number, 1982	320	(D)	134 729	594	(D)	(D)	205	(D)
	1978	(D)	(D)	148 386	8 482	22 481	126	13 034	(D)
Hens and pullets of laying age sold	farms, 1982	5	9	15	15	15	1	7	7
	1978	2	14	22	22	7	5	7	8
	number, 1982	320	(D)	(D)	(D)	(D)	(D)	205	(D)
	1978	(D)	(D)	(D)	8 482	(D)	126	(D)	(D)
Pullets 3 months old or older not of laying age sold	farms, 1982	-	-	1	1	-	-	-	-
	1978	-	-	2	-	1	-	1	-
	number, 1982	-	-	(D)	(D)	-	-	-	-
	1978	-	-	(D)	-	(D)	-	(D)	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	3	2	-	-	-	-
	1978	-	-	-	1	-	-	-	-
	number, 1982	-	-	65	(D)	-	-	-	-
	1978	-	-	-	(D)	-	-	-	-
Broilers and other meat-type chickens sold	farms, 1982	6	8	7	17	13	2	1	3
	1978	1	4	6	5	9	1	-	3
	number, 1982	650	1 435	529	932	1 409	(D)	(D)	(D)
	1978	(D)	600	488	(D)	911	(D)	-	90
1982 farms by number sold:									
1 to 1,999		6	8	7	17	13	2	1	3
2,000 to 15,999		-	-	-	-	-	-	-	-
16,000 to 59,999		-	-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	2	-	4	8	3	-	-	-
	1978	-	-	-	4	2	-	-	-
	number, 1982	(D)	-	128	406	(D)	-	-	-
	1978	-	-	-	29	(D)	-	-	-
Turkeys for slaughter sold	farms, 1982	2	-	1	8	3	-	-	-
	1978	-	-	-	4	2	-	-	-
	number, 1982	(D)	-	(D)	406	(D)	-	-	-
	1978	-	-	-	29	(D)	-	-	-
Ducks, geese, and other poultry sold	farms, 1982	-	5	3	12	2	-	1	1
	1978	1	6	5	11	4	2	-	1

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY								
Any poultry — farms, 1982	26	32	153	74	11	168	167	153
1978	21	28	157	87	5	190	188	157
Chickens 3 months old or older — farms, 1982	26	24	117	65	10	147	142	138
1978	19	25	127	80	5	168	162	134
number, 1982	913	1 022	1 200 993	2 685	887	38 419	132 388	118 458
1978	(D)	821	886 033	3 440	(D)	42 587	152 149	164 788
Hens and pullets of laying age — farms, 1982	26	24	111	65	10	144	139	134
1978	18	25	123	80	5	166	160	131
number, 1982	836	(D)	986 270	2 561	887	37 717	(D)	(D)
1978	(D)	745	729 876	3 298	487	41 984	(D)	(D)
1982 farms by inventory:								
1 to 99	25	23	81	59	8	105	122	116
100 to 399	1	1	10	6	1	34	14	9
400 to 1,599	-	-	5	-	1	3	1	2
1,600 to 3,199	-	-	1	-	-	-	-	-
3,200 to 9,999	-	-	2	-	-	-	1	4
10,000 to 19,999	-	-	5	-	-	2	-	2
20,000 to 49,999	-	-	3	-	-	-	-	1
50,000 to 99,999	-	-	1	-	-	-	1	-
100,000 or more — farms	-	-	3	-	-	-	-	-
number	-	-	720 000	-	-	-	-	-
Pullets 3 months old or older not of laying age — farms, 1982	4	2	18	8	-	13	26	11
1978	3	4	14	6	1	8	23	13
number, 1982	77	(D)	214 723	124	-	702	(D)	(D)
1978	89	76	156 157	142	(D)	603	(D)	(D)
Pullet chicks and pullets under 3 months old — farms, 1982	-	-	10	1	-	5	9	-
1978	-	1	4	1	-	4	10	2
number, 1982	-	-	299 800	(D)	-	(D)	(D)	-
1978	-	(D)	98 100	(D)	-	(D)	418	(D)
Broilers and other meat-type chickens — farms, 1982	6	9	33	21	1	39	48	43
1978	4	7	26	20	-	28	46	42
number, 1982	272	509	36 993	659	(D)	1 813	2 471	2 259
1978	117	395	62 173	979	-	1 152	2 165	8 143
Turkeys — farms, 1982	-	-	16	2	1	11	19	13
1978	-	2	11	2	-	5	9	12
number, 1982	-	-	622 092	(D)	(D)	123	114	274
1978	-	(D)	384 620	(D)	-	26	83	77
Turkey hens kept for breeding — farms, 1982	-	-	3	-	1	3	10	6
1978	-	-	4	1	-	3	2	6
number, 1982	-	-	(D)	-	(D)	12	15	9
1978	-	-	(D)	(D)	-	8	(D)	10
Ducks, geese, and other poultry — farms, 1982	5	11	30	5	3	37	55	27
1978	2	10	32	7	2	52	60	34
SALES								
Any poultry sold — farms, 1982	12	10	114	25	4	83	82	59
1978	10	3	110	27	2	105	75	71
$1,000, 1982	5	3	28 492	9	(D)	443	(D)	1 312
1978	(D)	1	19 648	11	(D)	377	(D)	1 329
Chickens 3 months old or older sold — farms, 1982	2	1	57	3	1	34	30	22
1978	4	-	62	5	1	48	22	26
number, 1982	(D)	(D)	1 580 312	(D)	(D)	56 606	158 964	110 838
1978	(D)	-	911 834	290	(D)	59 179	128 809	99 801
Hens and pullets of laying age sold — farms, 1982	2	1	45	3	1	33	27	21
1978	4	-	58	5	1	47	21	24
number, 1982	(D)	(D)	779 712	(D)	(D)	(D)	(D)	(D)
1978	(D)	-	652 734	290	(D)	(D)	(D)	(D)
Pullets 3 months old or older not of laying age sold — farms, 1982	-	-	14	-	-	1	3	2
1978	-	-	6	-	-	1	1	2
number, 1982	-	-	800 600	-	-	(D)	(D)	(D)
1978	-	-	259 100	-	-	(D)	(D)	(D)
Pullet chicks and pullets under 3 months old sold — farms, 1982	-	-	6	-	-	-	4	1
1978	-	-	-	-	-	-	-	-
number, 1982	-	-	(D)	-	-	-	240	(D)
1978	-	-	-	-	-	-	-	-
Broilers and other meat-type chickens sold — farms, 1982	5	2	27	2	-	9	21	11
1978	3	-	21	3	-	18	23	22
number, 1982	635	(D)	120 392	(D)	-	680	3 627	1 306
1978	(D)	-	221 380	90	-	1 614	10 640	(D)
1982 farms by number sold:								
1 to 1,999	5	2	24	2	-	9	21	11
2,000 to 15,999	-	-	1	-	-	-	-	-
16,000 to 59,999	-	-	1	-	-	-	-	-
60,000 to 99,999	-	-	1	-	-	-	-	-
100,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more — farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold — farms, 1982	-	-	12	-	-	4	10	3
1978	-	-	8	-	-	3	-	2
number, 1982	-	-	1 518 500	-	-	(D)	367	19
1978	-	-	857 102	-	-	14	-	(D)
Turkeys for slaughter sold — farms, 1982	-	-	10	-	-	4	10	2
1978	-	-	7	-	-	3	-	2
number, 1982	-	-	(D)	-	-	(D)	367	(D)
1978	-	-	(D)	-	-	14	-	(D)
Ducks, geese, and other poultry sold — farms, 1982	-	-	10	1	-	9	18	8
1978	-	-	13	-	-	6	15	9

Table 14. Poultry—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY									
Any poultry	farms, 1982	159	7	132	147	150	199	50	26
	1978	152	3	132	153	162	228	59	31
Chickens 3 months old or older	farms, 1982	132	6	112	115	133	171	46	26
	1978	132	2	116	133	142	201	45	28
	number, 1982	29 942	216	35 861	477 759	(D)	33 700	7 496	750
	1978	49 592	(D)	87 368	445 333	145 859	60 726	(D)	(D)
Hens and pullets of laying age	farms, 1982	130	6	110	115	131	171	45	26
	1978	129	2	112	130	141	197	44	28
	number, 1982	(D)	(D)	22 979	(D)	(D)	33 459	7 210	735
	1978	(D)	(D)	(D)	(D)	145 641	59 909	(D)	(D)
1982 farms by inventory:									
1 to 99		122	6	93	90	120	129	38	26
100 to 399		7	-	11	7	7	34	6	-
400 to 1,599		-	-	3	4	2	6	-	-
1,600 to 3,199		-	-	-	1	-	1	-	-
3,200 to 9,999		1	-	3	2	-	-	1	-
10,000 to 19,999		-	-	-	5	-	1	-	-
20,000 to 49,999		-	-	-	3	-	-	-	-
50,000 to 99,999		-	-	-	1	2	-	-	-
100,000 or more	farms	-	-	-	2	-	-	-	-
	number	-	-	-	(D)	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1982	10	1	21	8	21	10	7	3
	1978	18	-	19	11	12	27	7	8
	number, 1982	(D)	(D)	12 882	(D)	381	241	286	15
	1978	(D)	-	(D)	(D)	218	817	245	140
Pullet chicks and pullets under 3 months old	farms, 1982	3	-	4	6	3	3	2	-
	1978	3	-	4	3	7	6	1	1
	number, 1982	(D)	-	207	(D)	20	(D)	(D)	-
	1978	100	-	(D)	(D)	222	325	(D)	(D)
Broilers and other meat-type chickens	farms, 1982	38	1	42	28	35	33	10	6
	1978	31	1	18	25	26	37	14	6
	number, 1982	2 213	(D)	1 621	1 363	1 879	4 740	983	79
	1978	1 462	(D)	962	1 237	577	3 476	672	74
Turkeys	farms, 1982	9	-	11	24	29	17	6	3
	1978	14	1	6	10	13	18	8	1
	number, 1982	122	-	102	166	(D)	259	79	18
	1978	225	(D)	88	78	3 258	187	1 215	(D)
Turkey hens kept for breeding	farms, 1982	4	-	5	11	18	5	1	1
	1978	9	1	-	6	5	9	1	-
	number, 1982	10	-	33	35	(D)	13	(D)	(D)
	1978	43	(D)	-	22	(D)	37	(D)	-
Ducks, geese, and other poultry	farms, 1982	48	3	45	42	53	55	20	4
	1978	33	1	41	44	47	64	27	4
SALES									
Any poultry sold	farms, 1982	51	4	56	64	68	121	25	9
	1978	59	1	53	77	74	113	26	7
	$1,000, 1982	181	(D)	254	5 931	1 851	350	68	1
	1978	292	(D)	701	3 818	1 466	667	340	(D)
Chickens 3 months old or older sold	farms, 1982	14	-	19	29	21	43	9	-
	1978	20	1	16	42	30	47	7	3
	number, 1982	(D)	-	25 208	331 301	48 570	17 248	3 145	-
	1978	29 590	(D)	37 966	267 796	146 060	42 073	(D)	(D)
Hens and pullets of laying age sold	farms, 1982	13	-	19	28	20	43	9	-
	1978	17	1	16	41	27	46	7	3
	number, 1982	3 946	-	(D)	(D)	(D)	17 248	3 145	-
	1978	(D)	(D)	37 966	(D)	(D)	(D)	(D)	(D)
Pullets 3 months old or older not of laying age sold	farms, 1982	1	-	2	2	1	-	-	-
	1978	4	-	-	2	5	1	-	-
	number, 1982	(D)	-	(D)	(D)	(D)	-	-	-
	1978	(D)	-	-	(D)	(D)	(D)	-	-
Pullet chicks and pullets under 3 months old sold	farms, 1982	-	-	3	2	-	-	-	-
	1978	-	-	-	-	1	2	-	1
	number, 1982	-	-	(D)	(D)	-	-	-	-
	1978	-	-	-	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold	farms, 1982	12	1	14	16	13	15	5	1
	1978	1	-	4	7	6	10	4	1
	number, 1982	587	(D)	1 010	1 746	1 264	12 664	2 325	(D)
	1978	(D)	-	285	1 097	196	2 473	365	(D)
1982 farms by number sold:									
1 to 1,999		12	1	14	16	13	14	5	1
2,000 to 15,999		-	-	-	-	-	1	-	-
16,000 to 59,999		-	-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 to 499,999		-	-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Turkeys sold	farms, 1982	4	-	4	4	8	15	4	-
	1978	9	1	4	4	5	6	5	1
	number, 1982	97	-	(D)	33	(D)	582	(D)	-
	1978	274	(D)	(D)	34	(D)	(D)	5 713	(D)
Turkeys for slaughter sold	farms, 1982	4	-	3	4	8	15	4	-
	1978	9	1	4	4	4	6	5	1
	number, 1982	(D)	-	(D)	33	(D)	(D)	(D)	-
	1978	274	(D)	(D)	34	95	(D)	5 713	(D)
Ducks, geese, and other poultry sold	farms, 1982	10	1	10	4	10	11	9	1
	1978	11	-	9	10	8	12	6	1

Table 15. Selected Crops: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Crop		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Harvested cropland	farms, 1982	53 738	268	73	1 637	418	241	354
	1978	57 294	272	86	1 782	425	246	418
	acres, 1982	7 255 909	19 700	6 469	185 981	34 934	28 831	58 698
	1978	6 774 229	18 577	8 113	161 725	33 241	25 470	59 491
Irrigated	farms, 1982	3 150	2	4	120	10	37	7
	1978	3 101	2	4	114	17	25	7
	acres, 1982	284 047	(D)	(D)	7 122	98	(D)	(D)
	1978	222 666	(D)	30	4 372	158	1 973	662
Corn for grain or seed	farms, 1982	30 792	25	3	1 107	100	80	200
	1978	33 676	37	2	1 228	114	89	270
	acres, 1982	2 568 541	1 248	60	100 601	3 502	5 338	13 424
	1978	2 337 985	948	(D)	85 238	4 108	5 254	15 193
	bushels, 1982	256 473 754	87 364	5 200	10 332 740	220 308	394 686	1 149 050
	1978	184 697 964	67 828	(D)	6 681 507	241 784	447 023	1 194 017
Irrigated	farms, 1982	814	-	-	25	-	3	2
	1978	803	-	-	22	1	3	1
	acres, 1982	135 474	-	-	2 808	-	(D)	(D)
	1978	99 378	-	-	(D)	(D)	(D)	(D)
1982 farms by acres harvested:								
1 to 24 acres		11 727	18	3	418	58	25	79
25 to 99 acres		11 873	4	-	429	33	36	87
100 to 249 acres		4 926	-	-	169	8	15	23
250 acres or more		2 266	3	-	91	1	4	11
Wheat for grain	farms, 1982	15 416	45	-	399	142	34	112
	1978	13 966	23	-	349	77	17	90
	acres, 1982	513 445	1 411	-	9 862	3 478	1 560	4 041
	1978	370 398	448	-	5 888	998	788	2 409
	bushels, 1982	20 764 229	63 216	-	421 131	165 811	42 208	222 500
	1978	14 669 977	14 705	-	192 416	28 580	26 132	115 761
Irrigated	farms, 1982	59	-	-	1	-	3	1
	1978	24	-	-	1	-	-	-
	acres, 1982	5 041	-	-	(D)	-	(D)	(D)
	1978	1 191	-	-	(D)	-	-	-
1982 farms by acres harvested:								
1 to 24 acres		8 914	29	-	290	96	23	56
25 to 99 acres		5 576	13	-	97	43	9	50
100 to 249 acres		837	3	-	10	2	1	5
250 acres or more		89	-	-	2	1	1	1
Soybeans for beans	farms, 1982	14 905	2	-	118	6	-	128
	1978	13 914	-	-	42	5	-	122
	acres, 1982	1 122 617	(D)	-	5 926	406	-	6 918
	1978	888 449	-	-	1 063	397	-	5 657
	bushels, 1982	34 307 197	(D)	-	200 578	9 915	-	162 686
	1978	21 174 856	-	-	26 389	8 555	-	111 352
Irrigated	farms, 1982	278	-	-	10	-	-	1
	1978	201	-	-	3	-	-	1
	acres, 1982	24 942	-	-	518	-	-	(D)
	1978	11 307	-	-	16	-	-	(D)
1982 farms by acres harvested:								
1 to 24 acres		4 720	1	-	60	2	-	36
25 to 99 acres		6 875	1	-	40	2	-	78
100 to 249 acres		2 470	-	-	15	2	-	10
250 acres or more		840	-	-	3	-	-	4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	28 522	239	61	871	352	153	171
	1978	32 863	261	83	1 019	361	155	240
	acres, 1982	1 365 495	14 233	5 335	37 969	14 922	11 170	10 094
	1978	1 561 452	14 685	7 038	42 282	17 657	11 065	13 643
	tons, dry, 1982	3 476 731	31 129	8 376	108 491	32 073	21 393	28 987
	1978	3 599 083	27 672	12 690	121 295	32 856	17 899	32 975
Irrigated	farms, 1982	139	-	-	2	-	3	-
	1978	217	1	-	7	-	1	-
	acres, 1982	5 373	-	-	(D)	-	88	-
	1978	9 788	(D)	-	261	-	(D)	-
1982 farms by acres harvested:								
1 to 24 acres		14 144	78	11	461	148	51	78
25 to 99 acres		10 497	116	29	302	173	69	59
100 to 249 acres		3 287	37	19	97	26	24	27
250 acres or more		594	8	2	11	5	9	7
Vegetables harvested for sale (see text)	farms, 1982	3 634	3	3	108	14	11	29
	1978	3 793	4	3	133	12	13	28
	acres, 1982	126 248	(D)	(D)	7 091	190	47	1 693
	1978	119 287	10	2	3 802	99	41	1 815
Irrigated	farms, 1982	778	-	1	46	1	3	1
	1978	816	1	1	49	4	6	2
	acres, 1982	43 149	-	(D)	2 028	(D)	17	(D)
	1978	35 522	(D)	(D)	1 557	16	18	(D)
1982 farms by acres harvested:								
0.1 to 4.9 acres		1 310	1	3	39	8	8	9
5.0 to 24.9 acres		1 282	2	-	32	4	3	4
25.0 to 99.9 acres		769	-	-	26	2	-	14
100.0 acres or more		273	-	-	11	-	-	2
Land in orchards	farms, 1982	4 280	18	10	142	15	84	4
	1978	4 722	12	2	177	18	82	3
	acres, 1982	165 238	45	14	4 556	44	4 731	(D)
	1978	169 413	33	(D)	5 893	125	3 909	(D)
Irrigated	farms, 1982	445	-	1	6	-	14	-
	1978	490	-	1	8	-	12	-
	acres, 1982	14 316	-	(D)	174	-	596	-
	1978	14 479	-	(D)	156	-	391	-
1982 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		1 303	16	10	38	13	15	2
5.0 to 24.9 acres		1 479	2	-	48	2	27	2
25.0 to 99.9 acres		1 063	-	-	48	-	31	-
100.0 acres or more		435	-	-	8	-	11	-

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Berege	Berry	Bey	Benzie	Berrien	Branch	Calhoun
Harvested cropland	farms, 1982	73	955	1 020	172	1 682	1 090	1 175
	1978	80	975	1 144	164	1 860	1 136	1 237
	acres, 1982	4 807	110 001	151 933	8 290	130 186	167 060	177 204
	1978	4 821	97 763	148 160	7 874	122 756	156 136	151 254
Irrigated	farms, 1982	3	24	54	32	174	122	56
	1978	1	30	56	24	229	113	53
	acres, 1982	(D)	2 203	(D)	(D)	5 308	24 365	(D)
	1978	(D)	2 055	3 888	601	6 536	18 826	6 230
Corn for grain or seed	farms, 1982	2	663	595	22	725	954	899
	1978	3	644	856	23	753	984	948
	acres, 1982	(D)	45 900	45 976	590	48 867	93 624	90 882
	1978	42	37 212	45 511	475	43 223	90 154	77 198
	bushels, 1982	(D)	4 432 252	4 879 169	46 748	4 763 340	9 151 376	8 944 647
	1978	(D)	2 959 862	4 293 005	39 064	3 670 326	7 063 566	6 324 605
Irrigated	farms, 1982	-	12	9	-	14	107	42
	1978	-	15	12	-	10	89	39
	acres, 1982	-	1 489	764	-	1 151	16 125	6 966
	1978	-	1 415	(D)	-	1 175	13 805	(D)
1982 farms by acres harvested:								
1 to 24 acres		2	279	226	18	344	303	297
25 to 99 acres		-	237	239	2	242	386	360
100 to 249 acres		-	107	82	2	96	165	163
250 acres or more		-	40	48	-	43	100	79
Wheat for grain	farms, 1982	1	340	305	3	288	387	510
	1978	3	302	281	3	192	357	519
	acres, 1982	(D)	12 290	6 757	72	8 800	11 823	20 795
	1978	19	8 431	5 083	(D)	4 618	8 963	15 535
	bushels, 1982	(D)	446 655	329 048	(D)	278 969	446 913	813 723
	1978	(D)	307 831	228 721	(D)	149 868	289 456	591 998
Irrigated	farms, 1982	-	3	1	-	-	-	-
	1978	-	-	-	-	2	-	-
	acres, 1982	-	23	(D)	-	-	-	-
	1978	-	-	-	-	(D)	-	-
1982 farms by acres harvested:								
1 to 24 acres		-	182	213	2	191	222	236
25 to 99 acres		1	135	92	1	79	144	227
100 to 249 acres		-	21	-	-	17	21	46
250 acres or more		-	2	-	-	1	-	1
Soybeans for beans	farms, 1982	-	148	361	1	523	597	386
	1978	1	83	359	-	479	572	274
	acres, 1982	-	8 506	18 879	(D)	26 775	40 292	24 691
	1978	(D)	3 453	14 812	-	21 097	32 032	13 607
	bushels, 1982	-	248 496	558 461	(D)	807 431	1 208 962	716 126
	1978	(D)	95 494	359 092	-	601 013	719 026	325 273
Irrigated	farms, 1982	-	5	4	-	9	57	12
	1978	-	3	1	-	9	42	15
	acres, 1982	-	210	210	-	340	6 248	1 407
	1978	-	79	(D)	-	461	3 368	898
1982 farms by acres harvested:								
1 to 24 acres		-	54	130	-	257	198	150
25 to 99 acres		-	70	182	1	185	278	166
100 to 249 acres		-	20	43	-	67	96	52
250 acres or more		-	4	6	-	14	25	18
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	63	671	139	62	347	447	639
	1978	72	760	215	68	420	518	755
	acres, 1982	3 945	27 729	3 776	1 689	7 257	12 127	23 798
	1978	3 870	33 415	5 466	2 118	11 266	15 458	27 845
	tons, dry, 1982	6 400	86 782	11 310	3 344	19 049	35 144	66 217
	1978	7 302	91 678	13 050	4 133	30 788	40 079	74 149
Irrigated	farms, 1982	-	3	-	-	-	12	1
	1978	-	3	1	-	1	11	7
	acres, 1982	-	233	-	-	-	419	(D)
	1978	-	124	(D)	-	(D)	521	203
1982 farms by acres harvested:								
1 to 24 acres		22	357	94	40	266	297	363
25 to 99 acres		28	242	38	19	70	134	215
100 to 249 acres		10	62	6	3	11	15	52
250 acres or more		3	10	1	-	-	1	9
Vegetables harvested for sale (see text)	farms, 1982	6	48	125	12	362	20	28
	1978	3	51	144	9	436	13	39
	acres, 1982	15	1 534	3 478	147	8 322	309	2 223
	1978	7	1 791	3 757	25	8 636	195	1 452
Irrigated	farms, 1982	1	7	10	2	90	9	3
	1978	-	10	15	3	145	4	3
	acres, 1982	(D)	(D)	285	(D)	2 547	244	(D)
	1978	-	194	426	6	2 993	147	3
1982 farms by acres harvested:								
0.1 to 4.9 acres		6	20	30	7	151	10	15
5.0 to 24.9 acres		-	9	58	4	137	7	6
25.0 to 99.9 acres		-	14	28	-	52	2	4
100.0 acres or more		-	5	9	1	22	1	3
Land in orchards	farms, 1982	4	25	17	109	869	10	11
	1978	8	25	20	102	1 044	16	17
	acres, 1982	15	163	71	4 661	25 464	327	310
	1978	34	237	50	4 258	29 264	281	387
Irrigated	farms, 1982	-	2	1	26	24	-	-
	1978	-	4	-	18	34	1	3
	acres, 1982	-	(D)	(D)	605	274	-	-
	1978	-	(D)	-	571	679	(D)	6
1982 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		3	14	8	24	211	4	7
5.0 to 24.9 acres		1	10	9	39	392	2	2
25.0 to 99.9 acres		-	1	-	32	194	3	1
100.0 acres or more		-	-	-	14	72	1	1

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Harvested cropland	farms, 1982	913	228	176	352	275	1 425	16
	1978	995	231	207	351	284	1 473	14
	acres, 1982	129 918	19 171	16 208	45 462	33 519	200 167	(D)
	1978	117 695	19 545	16 983	46 046	26 950	179 548	315
Irrigated	farms, 1982	72	13	11	4	5	34	2
	1978	77	5	9	3	4	34	1
	acres, 1982	(D)	119	(D)	58	330	2 591	(D)
	1978	8 337	14	108	(D)	14	1 995	(D)
Corn for grain or seed	farms, 1982	672	80	42	8	121	908	-
	1978	776	94	28	5	136	1 009	1
	acres, 1982	73 798	2 941	1 077	446	6 826	61 313	-
	1978	66 222	2 970	1 214	255	6 098	54 775	(D)
	bushels, 1982	7 541 180	207 708	75 940	65 228	474 763	6 896 091	-
	1978	5 992 000	243 799	64 680	16 420	421 955	4 231 907	(D)
Irrigated	farms, 1982	44	2	1	-	2	8	-
	1978	45	-	1	-	-	10	-
	acres, 1982	7 502	(D)	(D)	-	(D)	(D)	-
	1978	6 372	-	(D)	-	-	586	-
1982 farms by acres harvested:								
1 to 24 acres		205	48	34	6	59	362	-
25 to 99 acres		257	26	5	1	44	378	-
100 to 249 acres		134	5	3	-	11	126	-
250 acres or more		76	1	-	1	7	42	-
Wheat for grain	farms, 1982	235	23	41	50	79	689	-
	1978	204	9	10	27	48	645	-
	acres, 1982	8 040	300	927	618	2 268	21 997	-
	1978	6 259	101	158	573	797	15 130	-
	bushels, 1982	255 249	10 594	34 785	18 173	106 903	815 130	-
	1978	218 420	3 603	3 660	12 770	29 821	630 062	-
Irrigated	farms, 1982	2	-	1	-	-	1	-
	1978	1	-	-	-	-	-	-
	acres, 1982	(D)	-	(D)	-	-	(D)	-
	1978	(D)	-	-	-	-	-	-
1982 farms by acres harvested:								
1 to 24 acres		114	21	30	45	51	407	-
25 to 99 acres		107	2	11	5	26	246	-
100 to 249 acres		14	-	-	-	1	31	-
250 acres or more		-	-	-	-	1	5	-
Soybeans for beans	farms, 1982	378	-	-	2	14	882	-
	1978	343	-	1	4	4	820	-
	acres, 1982	25 908	-	-	(D)	356	54 946	-
	1978	18 963	-	(D)	68	73	43 224	-
	bushels, 1982	799 088	-	-	(D)	7 055	1 782 827	-
	1978	495 703	-	(D)	1 940	(D)	1 036 815	-
Irrigated	farms, 1982	17	-	-	-	-	2	-
	1978	7	-	-	-	-	5	-
	acres, 1982	2 378	-	-	-	-	(D)	-
	1978	284	-	-	-	-	137	-
1982 farms by acres harvested:								
1 to 24 acres		137	-	-	-	10	263	-
25 to 99 acres		166	-	-	1	3	476	-
100 to 249 acres		57	-	-	1	1	119	-
250 acres or more		18	-	-	-	-	24	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	431	192	154	318	246	706	10
	1978	516	200	188	340	252	850	9
	acres, 1982	13 914	11 273	11 086	35 768	15 995	29 509	278
	1978	17 837	11 897	11 118	38 107	15 747	35 530	272
	tons, dry, 1982	38 972	19 959	17 351	50 330	36 016	92 605	(D)
	1978	46 230	23 861	18 002	54 005	30 016	90 847	438
Irrigated	farms, 1982	5	1	1	-	1	4	-
	1978	10	-	2	-	-	5	-
	acres, 1982	(D)	(D)	(D)	-	(D)	184	-
	1978	254	-	(D)	-	-	313	-
1982 farms by acres harvested:								
1 to 24 acres		253	77	41	56	84	387	4
25 to 99 acres		154	78	75	143	122	235	6
100 to 249 acres		22	32	34	84	30	75	-
250 acres or more		2	5	4	35	10	9	-
Vegetables harvested for sale (see text)	farms, 1982	59	16	14	4	5	33	4
	1978	59	16	10	5	6	28	3
	acres, 1982	2 592	590	34	31	43	381	16
	1978	2 615	1 081	26	11	16	544	8
Irrigated	farms, 1982	24	4	1	2	-	6	1
	1978	19	3	-	-	-	7	-
	acres, 1982	1 188	4	(D)	(D)	-	(D)	(D)
	1978	1 194	10	-	-	-	246	-
1982 farms by acres harvested:								
0.1 to 4.9 acres		18	11	12	2	2	18	3
5.0 to 24.9 acres		18	2	2	2	3	12	1
25.0 to 99.9 acres		15	2	-	-	-	2	-
100.0 acres or more		8	1	-	-	-	1	-
Land in orchards	farms, 1982	61	23	8	5	2	37	-
	1978	62	14	8	5	6	35	1
	acres, 1982	2 138	762	21	19	(D)	481	-
	1978	2 027	974	53	19	50	467	(D)
Irrigated	farms, 1982	3	3	1	-	-	9	-
	1978	6	-	-	1	1	7	-
	acres, 1982	77	5	(D)	-	-	136	-
	1978	172	-	-	(D)	(D)	176	-
1982 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		17	10	7	3	2	25	-
5.0 to 24.9 acres		20	7	1	2	-	4	-
25.0 to 99.9 acres		19	4	-	-	-	8	-
100.0 acres or more		5	2	-	-	-	-	-

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop			Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Harvested cropland	farms,	1982	280	114	1 245	222	916	390	71
		1978	305	112	1 347	222	940	401	65
	acres,	1982	26 949	12 180	166 593	16 173	117 923	38 787	(D)
		1978	29 103	11 355	150 844	16 549	110 175	34 858	(D)
Irrigated	farms,	1982	16	11	30	16	28	-	2
		1978	12	9	32	17	30	1	-
	acres,	1982	405	816	(D)	309	1 228	-	(D)
		1978	134	976	(D)	309	843	(D)	-
Corn for grain or seed	farms,	1982	40	12	871	51	458	226	1
		1978	35	13	1 000	50	484	217	1
	acres,	1982	1 422	553	65 751	1 860	45 652	10 461	(D)
		1978	1 273	298	60 046	1 929	37 873	9 985	(D)
	bushels,	1982	114 033	42 450	6 930 120	136 335	4 320 291	717 505	(D)
		1978	96 380	25 074	5 331 906	137 248	2 385 011	660 421	(D)
Irrigated	farms,	1982	-	-	8	-	3	-	-
		1978	-	-	12	-	1	-	-
	acres,	1982	-	-	693	-	(D)	-	-
		1978	-	-	(D)	-	(D)	-	-
1982 farms by acres harvested:									
1 to 24 acres			26	2	323	33	198	128	1
25 to 99 acres			11	9	349	14	156	70	-
100 to 249 acres			2	1	143	3	65	19	-
250 acres or more			1	-	56	1	39	9	-
Wheat for grain	farms,	1982	10	-	625	12	153	122	2
		1978	5	-	614	13	241	55	-
	acres,	1982	283	-	25 246	75	4 648	3 419	(D)
		1978	64	-	20 039	62	7 201	1 172	-
	bushels,	1982	11 355	-	1 106 947	1 965	163 641	145 105	(D)
		1978	1 116	-	835 709	2 003	300 280	45 854	-
Irrigated	farms,	1982	-	-	-	-	-	-	-
		1978	-	-	2	-	-	-	-
	acres,	1982	-	-	-	-	-	-	-
		1978	-	-	(D)	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres			6	-	337	12	98	76	2
25 to 99 acres			4	-	227	-	46	41	-
100 to 249 acres			-	-	51	-	8	5	-
250 acres or more			-	-	10	-	1	-	-
Soybeans for beans	farms,	1982	2	-	432	-	388	41	-
		1978	2	-	342	1	401	41	-
	acres,	1982	(D)	-	25 208	-	31 532	1 650	-
		1978	(D)	-	17 346	(D)	27 068	1 417	-
	bushels,	1982	(D)	-	819 951	-	921 140	39 427	-
		1978	(D)	-	484 766	(D)	531 710	33 902	-
Irrigated	farms,	1982	-	-	1	-	-	-	-
		1978	-	-	4	-	1	-	-
	acres,	1982	-	-	(D)	-	-	-	-
		1978	-	-	(D)	-	(D)	-	-
1982 farms by acres harvested:									
1 to 24 acres			-	-	184	-	119	22	-
25 to 99 acres			2	-	171	-	168	13	-
100 to 249 acres			-	-	59	-	75	6	-
250 acres or more			-	-	18	-	26	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms,	1982	239	95	644	198	435	300	68
		1978	268	98	783	196	477	349	61
	acres,	1982	16 417	7 718	21 222	10 180	15 918	13 876	3 254
		1978	18 613	7 410	26 057	10 579	18 214	15 081	2 981
	tons, dry,	1982	29 359	12 661	63 266	17 395	39 433	31 612	4 768
		1978	38 113	15 255	72 172	19 131	40 059	27 837	4 072
Irrigated	farms,	1982	-	-	-	-	1	-	-
		1978	-	-	2	-	-	1	-
	acres,	1982	-	-	-	-	(D)	-	-
		1978	-	-	(D)	-	-	(D)	-
1982 farms by acres harvested:									
1 to 24 acres			53	23	401	78	272	123	22
25 to 99 acres			135	41	198	91	125	145	43
100 to 249 acres			46	23	41	25	34	28	2
250 acres or more			5	8	4	4	4	4	1
Vegetables harvested for sale (see text)	farms,	1982	15	2	29	12	59	9	2
		1978	10	1	36	10	55	4	1
	acres,	1982	57	(D)	2 180	150	618	143	(D)
		1978	29	(D)	956	123	635	5	(D)
Irrigated	farms,	1982	4	1	9	4	5	-	1
		1978	3	-	8	3	8	-	-
	acres,	1982	12	(D)	(D)	(D)	16	-	(D)
		1978	7	-	86	75	21	-	-
1982 farms by acres harvested:									
0.1 to 4.9 acres			10	1	11	6	27	5	2
5.0 to 24.9 acres			5	-	10	4	29	2	-
25.0 to 99.9 acres			-	1	4	2	2	2	-
100.0 acres or more			-	-	4	-	1	-	-
Land in orchards	farms,	1982	17	4	27	8	58	6	2
		1978	13	4	22	14	48	4	2
	acres,	1982	33	(D)	165	16	865	28	(D)
		1978	31	6	162	66	868	6	(D)
Irrigated	farms,	1982	3	-	2	1	2	-	1
		1978	-	-	5	1	3	-	-
	acres,	1982	7	-	(D)	(D)	(D)	-	(D)
		1978	-	-	(D)	(D)	25	-	-
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres			15	3	17	8	31	4	2
5.0 to 24.9 acres			2	1	10	-	17	2	-
25.0 to 99.9 acres			-	-	-	-	8	-	-
100.0 acres or more			-	-	-	-	2	-	-

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Harvested cropland	farms, 1982	425	1 142	1 246	182	1 556	976	1 098	228
	1978	472	1 295	1 448	203	1 721	999	1 184	226
	acres, 1982	39 072	236 505	186 636	10 021	358 724	160 037	173 200	25 756
	1978	38 119	209 105	173 331	12 557	309 874	151 990	157 622	23 701
Irrigated	farms, 1982	80	31	37	14	17	37	31	8
	1978	79	26	36	16	14	31	38	2
	acres, 1982	2 534	2 847	(D)	44	(D)	(D)	(D)	103
	1978	2 593	924	3 880	61	428	2 184	2 692	(D)
Corn for grain or seed	farms, 1982	111	797	987	6	1 199	652	821	91
	1978	130	934	1 202	5	1 297	728	904	92
	acres, 1982	7 387	70 343	96 872	112	111 847	75 794	67 483	6 971
	1978	6 597	72 669	91 571	157	92 589	77 589	59 968	4 582
	bushels, 1982	466 201	8 195 077	9 370 851	10 440	11 730 549	7 919 562	7 654 149	469 241
	1978	456 487	6 362 857	6 609 043	15 058	7 803 682	6 628 515	4 955 073	326 309
Irrigated	farms, 1982	-	11	20	-	6	6	12	1
	1978	-	8	29	-	1	6	10	-
	acres, 1982	-	1 174	2 958	-	(D)	714	1 158	(D)
	1978	-	357	3 235	-	(D)	446	(D)	-
1982 farms by acres harvested:									
1 to 24 acres		53	251	339	4	305	219	305	44
25 to 99 acres		34	329	377	2	562	250	311	32
100 to 249 acres		17	148	163	-	242	111	156	9
250 acres or more		7	69	108	-	90	72	49	6
Wheat for grain	farms, 1982	50	441	496	-	708	318	534	43
	1978	41	349	418	1	542	330	518	20
	acres, 1982	1 636	14 972	14 680	-	23 145	16 316	22 112	1 244
	1978	791	8 944	8 836	(D)	14 208	10 350	15 555	566
	bushels, 1982	50 551	697 206	527 811	-	1 132 560	690 118	848 321	50 910
	1978	19 676	382 031	305 665	(D)	706 313	452 154	655 338	22 035
Irrigated	farms, 1982	-	2	1	-	1	-	1	-
	1978	1	-	1	-	-	-	-	-
	acres, 1982	-	(D)	(D)	-	(D)	-	(D)	-
	1978	(D)	-	(D)	-	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		33	235	302	-	381	146	258	24
25 to 99 acres		13	174	173	-	298	136	234	18
100 to 249 acres		3	32	21	-	26	26	33	1
250 acres or more		1	-	-	-	3	10	9	-
Soybeans for beans	farms, 1982	1	751	591	-	93	306	343	7
	1978	3	733	623	-	167	229	240	8
	acres, 1982	(D)	65 918	36 893	-	4 901	26 108	20 890	434
	1978	28	45 171	30 185	-	5 960	17 317	11 895	207
	bushels, 1982	(D)	2 181 110	1 083 516	-	132 881	855 761	716 132	10 766
	1978	380	1 215 342	573 348	-	125 604	482 458	331 600	4 467
Irrigated	farms, 1982	-	3	-	-	1	-	3	-
	1978	-	3	5	-	-	2	1	-
	acres, 1982	-	230	-	-	(D)	-	140	-
	1978	-	50	129	-	-	(D)	(D)	-
1982 farms by acres harvested:									
1 to 24 acres		1	167	212	-	39	109	129	3
25 to 99 acres		-	357	272	-	46	130	160	2
100 to 249 acres		-	177	79	-	5	46	44	2
250 acres or more		-	50	28	-	3	21	10	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	207	376	632	142	760	561	688	187
	1978	230	494	783	155	1 018	620	782	202
	acres, 1982	10 944	14 036	23 535	7 969	38 144	24 577	30 347	10 990
	1978	11 506	18 759	29 730	9 519	44 680	26 794	35 106	14 118
	tons, dry, 1982	22 801	40 236	71 603	11 440	133 346	77 614	98 685	25 606
	1978	18 637	48 305	84 748	14 326	108 363	71 405	95 625	31 538
Irrigated	farms, 1982	-	-	6	-	3	2	1	3
	1978	-	3	6	-	1	2	3	-
	acres, 1982	-	-	113	-	122	(D)	(D)	20
	1978	-	40	110	-	(D)	(D)	24	-
1982 farms by acres harvested:									
1 to 24 acres		85	215	395	45	312	325	389	83
25 to 99 acres		90	128	178	74	358	169	203	70
100 to 249 acres		25	28	48	21	80	52	83	28
250 acres or more		7	5	11	2	10	15	13	6
Vegetables harvested for sale (see text)	farms, 1982	36	41	24	8	6	45	64	5
	1978	33	50	13	13	6	36	64	7
	acres, 1982	1 865	2 650	459	16	16	1 822	2 555	31
	1978	1 912	2 959	187	28	11	2 043	3 875	44
Irrigated	farms, 1982	5	11	6	1	2	12	5	1
	1978	-	3	3	4	-	10	7	1
	acres, 1982	(D)	186	381	(D)	(D)	960	(D)	(D)
	1978	-	29	78	10	-	805	1 264	(D)
1982 farms by acres harvested:									
0.1 to 4.9 acres		14	9	13	8	5	23	18	4
5.0 to 24.9 acres		11	10	8	-	1	11	15	1
25.0 to 99.9 acres		7	11	2	-	-	6	25	-
100.0 acres or more		4	11	1	-	-	5	6	-
Land in orchards	farms, 1982	211	10	19	7	12	42	44	4
	1978	237	12	19	12	8	26	60	7
	acres, 1982	13 664	150	536	16	22	411	2 311	36
	1978	14 055	138	264	32	42	319	3 369	45
Irrigated	farms, 1982	71	3	2	-	2	5	8	-
	1978	71	4	2	1	3	5	14	-
	acres, 1982	2 414	(D)	(D)	-	(D)	36	285	-
	1978	2 542	11	(D)	(D)	23	36	712	-
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		23	7	9	6	10	27	11	2
5.0 to 24.9 acres		56	2	6	1	2	13	10	1
25.0 to 99.9 acres		91	-	1	-	-	1	15	1
100.0 acres or more		41	1	3	-	-	1	8	-

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Iron	Isebella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Harvested cropland	farms, 1982	89	947	1 145	867	75	1 360	1	105
	1978	90	943	1 101	903	83	1 382	2	116
	acres, 1982	8 551	138 700	147 343	119 609	8 143	146 441	(D)	7 529
	1978	7 620	128 362	139 676	110 087	7 320	145 605	(D)	6 321
Irrigated	farms, 1982	5	11	34	122	12	128	-	1
	1978	5	16	44	112	5	124	1	2
	acres, 1982	541	(D)	5 600	13 196	2 231	4 705	-	(D)
	1978	343	940	6 967	6 992	435	(D)	(D)	(D)
Corn for grain or seed	farms, 1982	-	581	854	516	37	807	-	43
	1978	1	665	817	568	38	814	-	46
	acres, 1982	-	41 941	81 939	54 769	1 898	58 586	-	1 145
	1978	(D)	44 305	75 574	55 872	1 966	54 707	-	799
	bushels, 1982	-	3 381 402	7 611 505	5 480 156	79 115	5 689 725	-	90 702
	1978	(D)	3 102 290	5 639 418	4 691 595	143 829	4 701 194	-	51 148
Irrigated	farms, 1982	-	2	15	38	7	12	-	1
	1978	-	7	19	42	2	12	-	-
	acres, 1982	-	(D)	4 436	9 667	730	1 308	-	(D)
	1978	-	434	5 538	4 638	(D)	(D)	-	-
1982 farms by acres harvested:									
1 to 24 acres		-	187	328	199	19	330	-	30
25 to 99 acres		-	266	332	182	13	301	-	10
100 to 249 acres		-	97	121	78	4	121	-	3
250 acres or more		-	31	73	57	1	55	-	-
Wheat for grain	farms, 1982	1	375	360	282	23	328	-	24
	1978	-	231	292	281	14	230	-	11
	acres, 1982	(D)	10 568	11 920	15 808	968	9 098	-	401
	1978	-	4 926	8 550	12 017	505	6 416	-	172
	bushels, 1982	(D)	459 299	465 049	628 890	35 042	366 212	-	12 999
	1978	-	200 373	326 774	451 708	7 394	245 011	-	3 851
Irrigated	farms, 1982	-	2	-	1	8	2	-	-
	1978	-	-	1	-	-	-	-	-
	acres, 1982	-	(D)	-	(D)	484	(D)	-	-
	1978	-	-	(D)	-	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		-	215	228	107	12	213	-	20
25 to 99 acres		-	149	111	124	8	103	-	4
100 to 249 acres		1	11	17	44	3	12	-	-
250 acres or more		-	-	4	7	-	-	-	-
Soybeans for beans	farms, 1982	-	242	137	262	1	47	-	1
	1978	-	155	81	213	2	15	-	1
	acres, 1982	-	13 255	6 374	24 982	(D)	2 673	-	(D)
	1978	-	6 995	3 686	14 456	(D)	701	-	(D)
	bushels, 1982	-	320 092	178 684	763 118	(D)	85 445	-	(D)
	1978	-	180 753	88 092	375 885	(D)	23 441	-	(D)
Irrigated	farms, 1982	-	3	1	16	-	1	-	-
	1978	-	-	1	7	-	-	-	-
	acres, 1982	-	62	(D)	2 203	-	(D)	-	-
	1978	-	-	(D)	570	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		-	85	70	75	-	21	-	-
25 to 99 acres		-	126	56	110	-	19	-	-
100 to 249 acres		-	24	9	57	1	3	-	-
250 acres or more		-	7	2	20	-	4	-	1
Hay—alfalfa, other teme, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	79	603	687	380	54	839	1	93
	1978	82	650	749	423	70	938	1	104
	acres, 1982	6 893	32 720	30 575	13 747	3 206	38 757	(D)	4 653
	1978	5 169	37 170	33 182	15 463	3 368	46 809	(D)	4 416
	tons, dry, 1982	12 021	87 894	84 590	35 279	5 849	110 809	(D)	8 069
	1978	8 412	80 918	88 799	42 847	5 349	123 077	(D)	7 747
Irrigated	farms, 1982	-	1	3	5	2	5	-	-
	1978	-	3	6	11	-	6	-	-
	acres, 1982	-	(D)	168	253	(D)	382	-	-
	1978	-	76	307	631	-	602	-	-
1982 farms by acres harvested:									
1 to 24 acres		19	255	412	234	16	435	1	38
25 to 99 acres		40	243	200	107	26	298	-	43
100 to 249 acres		13	92	55	34	11	88	-	9
250 acres or more		7	13	20	5	1	18	-	3
Vegetables harvested for sale (see text)	farms, 1982	2	14	51	53	1	136	-	5
	1978	3	9	46	41	2	115	-	4
	acres, 1982	(D)	352	1 344	654	(D)	3 531	-	16
	1978	(D)	437	758	361	(D)	3 456	-	8
Irrigated	farms, 1982	-	4	10	8	-	52	-	-
	1978	-	2	14	5	-	57	-	2
	acres, 1982	-	(D)	446	139	-	1 426	-	-
	1978	-	(D)	229	69	-	2 077	-	(D)
1982 farms by acres harvested:									
0.1 to 4.9 acres		2	5	23	32	1	49	-	2
5.0 to 24.9 acres		-	3	17	10	-	52	-	3
25.0 to 99.9 acres		-	5	6	10	-	31	-	-
100.0 acres or more		-	1	5	1	-	4	-	-
Land in orchards	farms, 1982	3	14	33	73	2	266	-	2
	1978	2	13	43	91	6	265	1	5
	acres, 1982	6	126	365	1 752	(D)	15 646	-	(D)
	1978	(D)	132	612	2 073	19	17 760	(D)	54
Irrigated	farms, 1982	-	-	1	3	2	15	-	-
	1978	1	1	1	1	1	21	1	-
	acres, 1982	-	-	(D)	(D)	(D)	503	-	-
	1978	(D)	(D)	(D)	(D)	(D)	715	(D)	-
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		3	10	18	16	-	49	-	2
5.0 to 24.9 acres		-	2	12	38	2	71	-	-
25.0 to 99.9 acres		-	2	2	15	-	101	-	-
100.0 acres or more		-	-	1	4	-	45	-	-

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Harvested cropland	farms, 1982	1 219	408	1 490	753	29	91	751	279
	1978	1 245	410	1 749	722	27	80	797	329
	acres, 1982	147 303	31 464	310 907	85 977	3 543	12 218	68 048	18 837
	1978	144 324	28 639	296 952	79 681	2 813	10 706	61 443	19 302
Irrigated	farms, 1982	43	91	31	37	2	1	77	57
	1978	41	78	34	36	1	-	81	64
	acres, 1982	(D)	3 132	2 400	(D)	(D)	(D)	(D)	(D)
	1978	2 389	2 474	3 174	(D)	(D)	-	1 762	2 506
Corn for grain or seed	farms, 1982	757	82	1 128	446	1	2	318	74
	1978	732	86	1 287	436	1	6	372	109
	acres, 1982	58 614	3 938	136 569	38 519	(D)	(D)	17 406	2 214
	1978	50 427	2 947	119 132	31 562	(D)	223	18 775	2 035
	bushels, 1982	5 490 422	299 108	14 615 208	3 704 573	(D)	(D)	1 505 260	130 780
	1978	3 216 879	191 305	10 168 256	2 140 725	(D)	17 774	1 147 711	132 305
Irrigated	farms, 1982	1	-	8	3	-	-	1	1
	1978	2	1	12	2	-	-	-	-
	acres, 1982	(D)	-	1 529	(D)	-	-	(D)	(D)
	1978	(D)	(D)	(D)	(D)	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		324	47	300	175	1	2	159	54
25 to 99 acres		303	25	450	157	-	-	114	16
100 to 249 acres		78	8	240	74	-	-	33	3
250 acres or more		52	2	138	40	-	-	12	1
Wheat for grain	farms, 1982	261	23	710	217	-	7	133	32
	1978	253	19	790	213	-	7	204	32
	acres, 1982	7 065	380	28 944	6 784	-	122	2 784	614
	1978	6 754	245	25 175	5 507	-	134	3 965	276
	bushels, 1982	259 267	11 113	1 139 134	261 677	-	4 400	94 755	20 091
	1978	283 033	4 076	1 124 609	218 737	-	3 891	150 013	5 898
Irrigated	farms, 1982	1	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
	acres, 1982	(D)	-	-	-	-	-	-	-
	1978	-	-	-	-	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		172	17	351	120	-	6	102	27
25 to 99 acres		75	6	293	86	-	1	26	4
100 to 249 acres		14	-	60	11	-	-	5	1
250 acres or more		-	-	6	-	-	-	-	-
Soybeans for beans	farms, 1982	182	2	1 073	73	-	-	301	-
	1978	96	1	1 200	47	-	-	222	-
	acres, 1982	9 168	(D)	108 653	4 351	-	-	23 128	-
	1978	3 804	(D)	110 619	2 348	-	-	12 990	-
	bushels, 1982	222 689	(D)	3 786 656	110 054	-	-	657 351	-
	1978	74 507	(D)	2 993 936	55 044	-	-	280 368	-
Irrigated	farms, 1982	-	-	-	-	-	-	1	-
	1978	-	-	4	-	-	-	1	-
	acres, 1982	-	-	-	-	-	-	(D)	-
	1978	-	-	145	-	-	-	(D)	-
1982 farms by acres harvested:									
1 to 24 acres		84	-	270	34	-	-	89	-
25 to 99 acres		75	-	470	28	-	-	134	-
100 to 249 acres		18	2	224	6	-	-	62	-
250 acres or more		5	-	109	5	-	-	16	-
Hay—alfalfa, other tame, small grain, wild, gress silage, green chop, etc. (see text)	farms, 1982	871	160	423	525	26	84	278	170
	1978	934	181	597	545	21	78	364	205
	acres, 1982	38 264	7 000	18 937	24 601	2 401	9 658	8 752	5 157
	1978	46 576	7 805	24 541	28 342	2 038	8 375	11 685	7 342
	tons, dry, 1982	105 033	12 495	56 421	66 920	2 996	14 047	20 879	10 767
	1978	104 237	14 053	73 352	72 632	2 952	14 278	25 549	13 804
Irrigated	farms, 1982	1	-	3	3	-	-	1	-
	1978	2	1	3	3	-	-	1	2
	acres, 1982	(D)	-	292	8	-	-	(D)	-
	1978	(D)	(D)	(D)	29	-	-	(D)	(D)
1982 farms by acres harvested:									
1 to 24 acres		461	67	264	276	4	13	167	103
25 to 99 acres		304	80	95	171	14	35	92	58
100 to 249 acres		94	10	56	67	6	26	18	9
250 acres or more		12	3	8	11	2	10	1	-
Vegetables harvested for sale (see text)	farms, 1982	63	20	71	43	3	3	172	39
	1978	62	16	57	34	2	2	160	27
	acres, 1982	3 427	241	2 673	(D)	(D)	14	4 804	1 117
	1978	3 074	176	1 339	2 866	(D)	(D)	4 369	949
Irrigated	farms, 1982	21	4	5	16	2	1	30	21
	1978	18	5	14	13	1	-	33	15
	acres, 1982	1 584	(D)	87	(D)	(D)	(D)	973	478
	1978	1 492	39	330	2 289	(D)	-	1 110	233
1982 farms by acres harvested:									
0.1 to 4.9 acres		32	4	20	29	1	2	35	8
5.0 to 24.9 acres		16	15	18	11	2	1	76	16
25.0 to 99.9 acres		5	1	25	2	-	-	51	13
100.0 acres or more		10	-	8	1	-	-	10	2
Land in orchards	farms, 1982	42	286	42	39	-	1	49	106
	1978	52	292	42	33	-	-	64	110
	acres, 1982	734	16 780	522	597	-	(D)	1 375	6 217
	1978	934	14 628	513	662	-	-	1 470	5 399
Irrigated	farms, 1982	2	68	8	5	-	-	3	24
	1978	6	62	7	5	-	-	5	27
	acres, 1982	(D)	2 851	39	(D)	-	-	(D)	1 763
	1978	52	2 228	51	(D)	-	-	193	912
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		15	22	25	23	-	1	18	24
5.0 to 24.9 acres		25	91	12	12	-	-	15	39
25.0 to 99.9 acres		-	133	3	2	-	-	14	34
100.0 acres or more		2	40	2	2	-	-	2	9

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Harvested cropland	farms, 1982	99	448	631	421	434	322	1 354	1 047
	1978	94	471	653	472	494	347	1 465	1 164
	acres, 1982	6 022	49 740	68 214	54 544	67 264	53 047	208 633	160 632
	1978	6 715	44 755	62 277	56 451	62 718	48 927	195 770	142 710
Irrigated	farms, 1982	3	46	15	8	11	20	48	108
	1978	5	48	15	5	6	22	45	129
	acres, 1982	(D)	2 495	3 907	(D)	(D)	1 206	(D)	(D)
	1978	15	1 930	4 696	(D)	391	1 401	2 898	22 966
Corn for grain or seed	farms, 1982	2	202	354	121	260	131	879	710
	1978	1	226	385	138	325	160	889	820
	acres, 1982	(D)	12 649	17 943	7 215	22 886	7 312	75 234	55 428
	1978	(D)	12 983	16 119	6 647	22 406	6 553	60 341	44 924
	bushels, 1982	(D)	1 112 629	1 449 878	520 173	2 352 952	543 590	7 878 926	5 402 211
	1978	(D)	860 740	1 054 483	460 193	2 022 832	452 668	5 024 736	3 192 454
Irrigated	farms, 1982	-	3	9	-	6	10	5	56
	1978	-	7	7	-	3	13	9	74
	acres, 1982	-	(D)	1 322	-	479	514	422	7 499
	1978	-	(D)	(D)	-	280	565	493	6 047
1982 farms by acres harvested:									
1 to 24 acres		2	96	187	52	103	49	294	257
25 to 99 acres		-	69	115	43	88	58	364	281
100 to 249 acres		-	25	42	23	47	21	154	128
250 acres or more		-	12	10	3	22	3	67	44
Wheat for grain	farms, 1982	-	160	168	8	103	44	380	432
	1978	2	120	110	10	77	27	542	401
	acres, 1982	-	5 540	4 469	89	3 259	977	11 517	20 374
	1978	(D)	2 669	2 225	291	1 548	584	14 874	13 116
	bushels, 1982	-	211 566	160 287	2 870	169 049	42 979	386 068	790 607
	1978	(D)	74 643	66 320	6 266	67 651	15 963	582 414	417 028
Irrigated	farms, 1982	-	-	2	-	1	-	-	8
	1978	-	-	1	-	-	-	-	7
	acres, 1982	-	-	(D)	-	(D)	-	-	733
	1978	-	-	(D)	-	-	-	-	283
1982 farms by acres harvested:									
1 to 24 acres		-	75	111	7	54	33	251	202
25 to 99 acres		-	76	50	1	45	10	107	177
100 to 249 acres		-	7	7	-	4	1	19	45
250 acres or more		-	2	-	-	-	-	3	8
Soybeans for beans	farms, 1982	-	4	4	1	222	-	1 027	106
	1978	-	2	5	1	212	-	1 200	131
	acres, 1982	-	151	180	(D)	17 164	-	99 056	6 340
	1978	-	(D)	171	(D)	12 605	-	100 566	5 662
	bushels, 1982	-	3 565	(D)	(D)	493 177	-	2 968 551	194 604
	1978	-	(D)	(D)	(D)	364 816	-	2 343 192	133 444
Irrigated	farms, 1982	-	-	-	-	3	-	6	-
	1978	-	-	-	-	-	-	7	8
	acres, 1982	-	-	-	-	84	-	194	-
	1978	-	-	-	-	-	-	149	285
1982 farms by acres harvested:									
1 to 24 acres		-	2	2	1	55	-	252	31
25 to 99 acres		-	2	2	-	124	-	462	57
100 to 249 acres		-	-	-	-	26	-	232	15
250 acres or more		-	-	-	-	17	-	81	3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	85	258	540	398	153	304	234	616
	1978	81	286	560	447	206	325	319	753
	acres, 1982	4 546	15 331	33 114	33 428	3 939	33 032	5 399	31 321
	1978	4 770	14 788	31 385	35 718	5 782	29 835	7 011	33 385
	tons, dry, 1982	7 575	42 181	81 330	69 899	10 674	76 096	13 303	92 749
	1978	7 516	32 741	62 548	74 124	12 016	57 748	15 350	81 702
Irrigated	farms, 1982	-	2	3	1	-	6	2	5
	1978	-	2	4	2	-	8	-	24
	acres, 1982	-	(D)	77	(D)	-	189	(D)	220
	1978	-	(D)	704	(D)	-	348	-	1 231
1982 farms by acres harvested:									
1 to 24 acres		35	100	191	88	110	48	201	297
25 to 99 acres		38	110	247	184	37	127	29	219
100 to 249 acres		9	39	86	106	5	103	2	86
250 acres or more		3	9	16	20	1	26	2	14
Vegetables harvested for sale (see text)	farms, 1982	10	93	32	3	16	3	124	33
	1978	8	82	26	2	20	3	107	40
	acres, 1982	23	3 833	724	6	375	16	3 893	1 142
	1978	32	4 217	1 016	(D)	321	4	2 807	1 728
Irrigated	farms, 1982	2	7	1	-	3	-	19	16
	1978	2	10	5	-	1	1	16	16
	acres, 1982	(D)	722	(D)	-	(D)	-	564	920
	1978	(D)	476	361	-	(D)	(D)	894	1 093
1982 farms by acres harvested:									
0.1 to 4.9 acres		9	16	12	3	11	2	37	12
5.0 to 24.9 acres		1	34	9	-	1	1	38	8
25.0 to 99.9 acres		-	35	11	-	2	-	38	10
100.0 acres or more		-	8	-	-	2	-	11	3
Land in orchards	farms, 1982	6	71	16	6	13	1	60	18
	1978	5	84	15	10	12	3	62	25
	acres, 1982	40	6 376	301	24	43	(D)	441	884
	1978	21	5 305	367	30	31	7	459	755
Irrigated	farms, 1982	-	21	-	2	-	-	3	3
	1978	-	28	1	-	-	-	6	4
	acres, 1982	-	912	-	(D)	-	-	(D)	(D)
	1978	-	866	(D)	-	-	-	116	141
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		3	12	7	5	11	1	44	6
5.0 to 24.9 acres		3	15	6	1	2	-	12	2
25.0 to 99.9 acres		-	23	2	-	-	-	4	6
100.0 acres or more		-	21	1	-	-	-	-	4

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Harvested cropland	farms, 1982	100	425	736	510	699	279	139	504
	1978	101	464	774	488	747	294	143	516
	acres, 1982	10 970	50 494	69 862	36 995	63 361	35 146	11 399	53 035
	1978	10 972	48 568	66 822	35 969	59 203	35 404	12 715	53 659
Irrigated	farms, 1982	2	40	45	65	64	5	1	9
	1978	–	50	42	61	76	5	–	13
	acres, 1982	(D)	(D)	4 850	(D)	2 813	22	(D)	(D)
	1978	–	1 350	3 839	767	2 689	19	–	722
Corn for grain or seed	farms, 1982	19	232	442	155	281	109	1	157
	1978	27	246	491	166	294	142	2	190
	acres, 1982	949	20 078	24 128	15 793	11 846	5 268	(D)	6 064
	1978	1 514	18 170	20 274	13 392	9 454	5 924	(D)	5 993
	bushels, 1982	55 778	1 613 459	2 150 403	1 408 222	1 028 116	351 185	(D)	473 771
	1978	101 304	1 378 709	1 335 344	744 379	710 890	395 536	(D)	429 747
Irrigated	farms, 1982	1	5	5	3	8	–	–	3
	1978	–	2	13	1	4	–	–	6
	acres, 1982	(D)	(D)	(D)	(D)	495	–	–	240
	1978	–	(D)	(D)	(D)	354	–	–	(D)
1982 farms by acres harvested:									
1 to 24 acres		9	107	212	79	157	61	1	96
25 to 99 acres		6	85	167	38	88	31	–	40
100 to 249 acres		4	27	46	22	31	13	–	18
250 acres or more		–	13	17	16	5	4	–	3
Wheat for grain	farms, 1982	30	85	133	67	105	65	5	77
	1978	13	50	93	73	55	38	9	61
	acres, 1982	854	2 206	2 031	2 762	2 216	1 360	42	1 508
	1978	176	888	1 154	2 781	1 049	704	105	887
	bushels, 1982	31 335	95 311	74 129	99 967	82 264	63 492	1 685	61 966
	1978	4 670	30 730	38 995	101 621	32 095	18 864	3 029	22 426
Irrigated	farms, 1982	–	–	–	3	–	–	–	–
	1978	–	–	–	–	–	–	–	1
	acres, 1982	–	–	–	14	–	–	–	–
	1978	–	–	–	–	–	–	–	(D)
1982 farms by acres harvested:									
1 to 24 acres		20	61	113	39	76	49	5	59
25 to 99 acres		7	19	20	22	26	14	–	15
100 to 249 acres		3	5	–	4	3	2	–	3
250 acres or more		–	–	–	2	–	–	–	–
Soybeans for beans	farms, 1982	–	9	7	14	3	4	–	3
	1978	–	5	7	18	4	5	1	3
	acres, 1982	–	593	177	987	83	(D)	–	(D)
	1978	–	368	77	746	150	379	(D)	(D)
	bushels, 1982	–	18 371	5 627	28 569	(D)	(D)	–	(D)
	1978	–	11 210	1 593	14 309	2 800	4 617	(D)	(D)
Irrigated	farms, 1982	–	–	–	–	–	–	–	–
	1978	–	–	–	–	–	–	–	–
	acres, 1982	–	–	–	–	–	–	–	–
	1978	–	–	–	–	–	–	–	–
1982 farms by acres harvested:									
1 to 24 acres		–	6	5	6	2	2	–	1
25 to 99 acres		–	–	2	6	1	1	–	1
100 to 249 acres		–	2	–	1	–	–	–	1
250 acres or more		–	1	–	1	–	1	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	80	285	567	306	364	256	125	468
	1978	90	327	630	294	394	268	138	483
	acres, 1982	5 311	14 462	27 982	12 981	14 192	18 926	9 967	36 500
	1978	6 269	17 085	29 651	14 408	15 006	20 191	10 543	36 865
	tons, dry, 1982	10 692	40 156	73 481	30 342	33 756	44 224	14 672	74 393
	1978	11 674	40 763	66 036	29 759	34 502	41 403	15 515	72 092
Irrigated	farms, 1982	–	3	4	2	2	–	–	2
	1978	–	3	8	1	3	–	–	5
	acres, 1982	–	65	182	(D)	(D)	–	–	(D)
	1978	–	50	227	(D)	105	–	–	384
1982 farms by acres harvested:									
1 to 24 acres		28	141	274	171	190	74	32	128
25 to 99 acres		34	108	206	101	144	121	58	215
100 to 249 acres		14	30	79	30	27	48	29	99
250 acres or more		4	6	8	4	3	13	6	26
Vegetables harvested for sale (see text)	farms, 1982	–	52	62	56	332	6	4	2
	1978	–	60	61	42	353	11	–	4
	acres, 1982	–	3 658	5 357	657	12 639	11	10	(D)
	1978	–	3 520	4 397	674	11 573	35	–	5
Irrigated	farms, 1982	–	16	23	13	19	–	–	–
	1978	–	14	24	12	14	2	–	1
	acres, 1982	–	1 208	3 388	222	716	–	–	–
	1978	–	570	2 782	158	612	(D)	–	(D)
1982 farms by acres harvested:									
0.1 to 4.9 acres		–	11	17	32	56	6	3	2
5.0 to 24.9 acres		–	18	19	19	146	–	1	–
25.0 to 99.9 acres		–	15	10	4	99	–	–	–
100.0 acres or more		–	8	16	1	31	–	–	–
Land in orchards	farms, 1982	2	29	46	69	254	7	4	14
	1978	1	36	42	70	290	9	7	5
	acres, 1982	(D)	3 823	2 079	641	17 289	36	10	39
	1978	(D)	3 223	1 864	673	16 660	67	15	23
Irrigated	farms, 1982	–	2	7	9	32	–	–	–
	1978	–	4	7	7	46	–	–	–
	acres, 1982	–	(D)	125	(D)	1 237	–	–	–
	1978	–	(D)	147	(D)	1 205	–	–	–
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1	4	15	42	31	4	3	12
5.0 to 24.9 acres		1	9	13	23	89	3	1	2
25.0 to 99.9 acres		–	5	14	3	84	–	–	–
100.0 acres or more		–	11	4	1	50	–	–	–

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Harvested cropland	farms, 1982	78	130	1 414	302	28	1 614	1 178	936
	1978	75	144	1 484	332	28	1 767	1 235	1 008
	acres, 1982	6 723	12 153	123 172	38 011	(D)	273 534	143 393	161 056
	1978	6 264	11 527	119 274	32 989	1 961	266 021	132 399	150 012
Irrigated	farms, 1982	1	5	228	16	3	47	21	206
	1978	1	3	218	6	2	33	18	179
	acras, 1982	(D)	194	8 780	1 155	(D)	1 160	(D)	56 816
	1978	(D)	(D)	7 204	162	(D)	961	519	40 269
Corn for grain or seed	farms, 1982	20	38	801	56	2	897	564	751
	1978	31	31	895	56	3	988	614	837
	acras, 1982	490	812	54 032	2 267	(D)	62 878	39 906	90 652
	1978	730	751	48 859	1 518	(D)	61 213	39 605	84 038
	bushels, 1982	35 330	49 160	5 746 298	153 870	(D)	7 216 128	3 587 665	9 960 957
	1978	46 029	38 141	3 984 303	104 851	(D)	5 155 525	2 293 553	7 771 003
Irrigated	farms, 1982	-	-	26	2	-	4	2	183
	1978	-	-	22	-	-	4	-	161
	acras, 1982	-	-	1 824	(D)	-	(D)	(D)	43 526
	1978	-	-	805	-	-	316	-	31 956
1982 farms by acras harvested:									
1 to 24 acres		12	27	332	29	1	370	245	222
25 to 99 acres		8	10	321	18	-	345	218	283
100 to 249 acres		-	1	114	9	1	134	70	144
250 acres or more		-	-	34	-	-	48	31	102
Wheat for grain	farms, 1982	3	23	299	93	3	546	171	325
	1978	2	7	246	39	1	406	343	287
	acres, 1982	11	605	6 199	2 131	(D)	17 716	3 951	11 181
	1978	(D)	46	3 456	619	(D)	9 802	8 202	9 548
	bushels, 1982	172	18 850	255 726	93 043	(D)	891 232	144 975	370 399
	1978	(D)	998	104 588	15 578	(D)	473 961	292 872	297 687
Irrigated	farms, 1982	-	-	-	1	-	-	-	6
	1978	-	1	1	-	-	-	1	3
	acres, 1982	-	-	-	(D)	-	-	-	475
	1978	-	(D)	(D)	-	-	-	(D)	128
1982 farms by acres harvested:									
1 to 24 acres		3	15	225	66	2	312	119	167
25 to 99 acres		-	6	69	23	1	208	47	139
100 to 249 acres		-	2	4	4	-	25	5	19
250 acres or more		-	-	1	-	-	1	-	-
Soybeans for beans	farms, 1982	-	-	35	1	1	1 198	577	494
	1978	-	-	18	3	1	1 309	494	440
	acres, 1982	-	-	1 218	(D)	(D)	117 778	48 909	36 642
	1978	-	-	759	(D)	(D)	110 183	31 072	26 930
	bushels, 1982	-	-	33 015	(D)	(D)	3 790 055	1 289 954	1 110 698
	1978	-	-	19 622	(D)	(D)	2 787 814	524 312	636 037
Irrigated	farms, 1982	-	-	3	-	-	5	2	98
	1978	-	-	1	-	-	-	1	59
	acras, 1982	-	-	105	-	-	193	(D)	9 355
	1978	-	-	(D)	-	-	-	(D)	3 694
1982 farms by acres harvested:									
1 to 24 acres		-	-	20	1	-	254	167	148
25 to 99 acres		-	-	11	-	-	591	245	225
100 to 249 acres		-	-	4	-	1	249	128	92
250 acras or mora		-	-	-	-	-	104	37	29
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	71	113	797	248	21	366	675	436
	1978	65	129	897	296	19	520	784	533
	acres, 1982	4 598	6 993	28 720	15 220	1 043	10 725	24 801	13 980
	1978	4 500	7 637	35 094	17 012	(D)	15 129	30 481	20 482
	tons, dry, 1982	11 706	11 916	88 410	30 719	1 642	35 668	51 291	39 997
	1978	8 676	13 244	91 894	30 065	(D)	41 864	63 163	52 234
Irrigated	farms, 1982	-	-	4	1	1	3	3	11
	1978	-	-	8	-	1	1	2	22
	acres, 1982	-	-	15	(D)	(D)	154	47	602
	1978	-	-	233	-	(D)	(D)	(D)	1 069
1982 farms by acres harvested:									
1 to 24 acras		22	21	449	62	7	241	357	267
25 to 99 acras		35	72	274	151	12	104	269	141
100 to 249 acres		11	18	71	26	2	20	46	25
250 acres or mora		3	2	3	9	-	1	3	3
Vegetables harvested for sale (see text)	farms, 1982	1	3	182	1	-	66	70	38
	1978	2	7	173	6	-	63	72	35
	acres, 1982	(D)	7	4 265	(D)	-	2 233	1 749	(D)
	1978	(D)	46	4 052	6	-	2 524	1 694	2 456
Irrigated	farms, 1982	-	-	88	-	-	11	4	9
	1978	-	-	81	1	-	9	3	12
	acres, 1982	-	-	2 210	-	-	202	(D)	(D)
	1978	-	-	1 678	(D)	-	218	56	2 008
1982 farms by acres harvested:									
0.1 to 4.9 acres		1	3	56	1	-	20	22	20
5.0 to 24.9 acres		-	-	72	-	-	28	27	10
25.0 to 99.9 acres		-	-	48	-	-	10	17	6
100.0 acres or more		-	-	6	-	-	8	4	2
Land in orchards	farms, 1982	6	3	79	5	4	36	28	12
	1978	1	4	103	9	5	30	30	13
	acras, 1982	11	(D)	5 538	16	(D)	188	390	177
	1978	(D)	6	4 571	22	75	200	526	299
Irrigated	farms, 1982	-	-	7	-	1	-	1	1
	1978	-	-	13	-	1	1	3	2
	acras, 1982	-	-	369	-	(D)	-	(D)	(D)
	1978	-	-	184	-	(D)	(D)	(D)	(D)
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		6	2	15	4	2	26	17	7
5.0 to 24.9 acres		-	1	22	1	-	9	7	4
25.0 to 99.9 acres		-	-	30	-	2	1	3	-
100.0 acres or more		-	-	12	-	-	-	1	1

Table 15. **Selected Crops: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Harvested cropland	farms, 1982	1 751	53	1 316	1 394	1 376	1 201	375	201
	1978	1 899	50	1 337	1 513	1 550	1 268	410	208
	acres, 1982	345 800	5 213	182 595	281 916	120 184	161 359	27 085	17 301
	1978	324 981	4 595	179 473	264 116	111 405	160 191	23 501	18 057
Irrigated	farms, 1982	31	1	21	27	126	61	63	7
	1978	17	1	15	21	146	58	59	7
	acres, 1982	(D)	(D)	(D)	2 251	17 667	(D)	(D)	(D)
	1978	921	(D)	1 174	2 224	12 533	3 684	539	206
Corn for grain or seed	farms, 1982	1 093	5	722	1 027	593	827	107	59
	1978	1 171	3	767	1 118	690	917	94	89
	acres, 1982	93 981	30	49 343	96 423	52 990	74 475	7 459	3 331
	1978	81 643	48	45 796	92 828	45 726	70 024	5 931	2 747
	bushels, 1982	9 250 795	2 218	4 885 848	10 585 582	4 925 697	7 002 146	675 243	211 345
	1978	5 707 565	3 888	3 054 638	7 459 751	3 760 997	5 273 975	383 045	184 310
Irrigated	farms, 1982	3	-	4	7	29	11	1	1
	1978	2	-	4	7	32	13	1	4
	acres, 1982	(D)	-	(D)	708	5 156	1 717	(D)	(D)
	1978	(D)	-	(D)	(D)	3 721	(D)	(D)	(D)
1982 farms by acres harvested:									
1 to 24 acres		340	5	281	341	244	260	59	27
25 to 99 acres		457	-	308	389	213	334	31	24
100 to 249 acres		228	-	102	217	80	163	8	6
250 acres or more		68	-	31	80	56	70	9	2
Wheat for grain	farms, 1982	404	1	444	552	125	525	43	24
	1978	405	-	482	442	125	556	44	20
	acres, 1982	14 604	(D)	13 526	20 816	4 615	17 912	1 551	914
	1978	10 166	-	13 472	12 926	2 642	15 996	996	717
	bushels, 1982	628 578	(D)	500 627	1 015 347	146 557	672 868	57 986	27 747
	1978	403 809	-	542 705	658 519	84 364	664 974	31 202	14 994
Irrigated	farms, 1982	1	-	-	1	2	2	-	-
	1978	-	-	-	-	-	-	-	-
	acres, 1982	(D)	-	-	(D)	(D)	(D)	-	-
	1978	-	-	-	-	-	-	-	-
1982 farms by acres harvested:									
1 to 24 acres		208	-	258	259	81	297	26	13
25 to 99 acres		171	1	167	252	43	194	15	9
100 to 249 acres		24	-	19	39	-	32	2	2
250 acres or more		1	-	-	2	1	2	-	-
Soybeans for beans	farms, 1982	495	-	837	348	208	310	175	-
	1978	397	-	806	294	156	283	185	2
	acres, 1982	37 794	-	68 900	22 162	10 987	19 902	12 124	-
	1978	23 700	-	58 646	14 907	6 585	15 835	11 283	(D)
	bushels, 1982	1 037 905	-	2 053 658	734 330	273 708	561 697	269 892	-
	1978	405 734	-	1 215 750	334 747	153 267	352 650	199 557	(D)
Irrigated	farms, 1982	-	-	5	1	2	5	1	-
	1978	1	-	-	-	4	4	-	1
	acres, 1982	-	-	92	(D)	(D)	611	(D)	-
	1978	(D)	-	-	-	197	54	-	(D)
1982 farms by acres harvested:									
1 to 24 acres		148	-	219	120	91	119	57	-
25 to 99 acres		257	-	413	179	94	134	80	-
100 to 249 acres		64	-	153	37	15	42	26	-
250 acres or more		26	-	52	12	8	15	12	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	1 072	40	575	574	455	718	73	172
	1978	1 285	47	642	676	548	813	82	186
	acres, 1982	71 643	3 455	23 317	21 733	13 289	26 853	2 560	9 818
	1978	82 146	3 598	29 321	27 445	16 279	36 109	2 688	11 569
	tons, dry, 1982	198 990	5 225	69 012	59 059	35 139	74 470	4 171	15 662
	1978	196 926	6 183	72 442	64 655	40 943	102 399	4 260	15 593
Irrigated	farms, 1982	4	-	1	2	3	1	-	-
	1978	2	-	3	1	7	2	-	3
	acres, 1982	153	-	(D)	(D)	(D)	(D)	-	-
	1978	(D)	-	467	(D)	165	(D)	-	78
1982 farms by acres harvested:									
1 to 24 acres		359	12	337	324	314	396	50	64
25 to 99 acres		447	21	172	200	117	248	17	78
100 to 249 acres		238	1	58	44	19	69	5	24
250 acres or more		28	6	8	6	5	5	1	6
Vegetables harvested for sale (see text)	farms, 1982	25	3	19	38	281	60	71	11
	1978	79	1	32	35	380	65	76	14
	acres, 1982	763	(D)	93	1 998	12 391	2 148	1 914	754
	1978	3 920	(D)	403	1 278	11 552	1 968	1 612	868
Irrigated	farms, 1982	4	-	3	9	42	23	13	-
	1978	-	-	1	2	51	25	10	2
	acres, 1982	(D)	-	4	496	8 287	1 235	155	-
	1978	-	-	(D)	(D)	5 810	1 202	197	(D)
1982 farms by acres harvested:									
0.1 to 4.9 acres		11	2	13	11	89	31	25	2
5.0 to 24.9 acres		4	1	5	10	136	14	25	2
25.0 to 99.9 acres		8	-	1	10	44	7	17	5
100.0 acres or more		2	-	-	7	12	8	4	2
Land in orchards	farms, 1982	39	3	31	25	410	57	36	7
	1978	39	-	14	11	510	62	45	6
	acres, 1982	435	4	156	302	18 373	955	245	60
	1978	395	-	117	271	20 423	868	354	11
Irrigated	farms, 1982	4	-	3	1	13	11	3	-
	1978	2	-	-	-	15	6	-	-
	acres, 1982	13	-	(D)	(D)	699	171	6	-
	1978	(D)	-	-	-	964	166	-	-
1982 farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		24	3	20	19	61	37	26	3
5.0 to 24.9 acres		12	-	11	3	193	11	8	3
25.0 to 99.9 acres		2	-	-	1	112	4	2	1
100.0 acres or more		1	-	-	2	44	5	-	-

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS AND LAND IN FARMS								
Land in farms	farms, 1982	28 432	74	31	962	143	136	212
	1978	27 341	66	31	955	133	132	230
	acres, 1982	8 714 677	23 644	11 675	218 919	43 799	47 027	76 419
	1978	8 192 175	24 789	10 224	200 707	40 298	44 819	77 906
Average size of farm	acres, 1982	307	320	377	228	306	346	360
	1978	300	376	330	210	303	340	339
Value of land and buildings[1]:								
Average per farm	dollars, 1982	378 401	254 113	180 452	295 247	212 692	309 176	387 415
	1978	292 994	173 691	152 419	215 290	136 647	240 407	248 490
Average per acre	dollars, 1982	1 230	541	479	1 277	723	938	1 128
	1978	983	470	462	1 013	421	710	793
Total cropland	farms, 1982	27 936	72	31	927	142	125	210
	1978	26 995	66	29	940	133	123	229
	acres, 1982	7 149 479	17 477	6 755	185 569	31 954	30 869	60 838
	1978	6 588 254	17 245	6 302	164 722	28 106	29 187	60 892
Harvested cropland	farms, 1982	27 631	71	31	907	140	121	209
	1978	26 706	65	29	917	128	121	228
	acres, 1982	6 427 512	11 837	5 000	167 921	24 892	25 221	53 753
	1978	5 644 737	9 791	4 929	137 307	20 306	20 639	51 610
Irrigated land	farms, 1982	2 455	-	1	97	5	25	6
	1978	2 406	-	1	88	12	18	6
	acres, 1982	281 338	-	(D)	7 017	69	4 055	(D)
	1978	220 105	-	(D)	4 241	141	1 951	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1982	2 480 450	4 094	1 653	119 956	8 250	11 034	15 402
	1978	1 793 037	2 602	1 315	75 273	5 943	10 770	11 624
Average per farm	dollars, 1982	87 242	55 323	53 322	124 694	57 693	81 132	72 650
	1978	65 581	39 431	42 426	78 819	44 684	81 594	50 537
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms	24 375	38	8	755	101	93	174
	$1,000	1 295 967	659	88	46 523	1 734	5 134	9 077
Grains	farms	20 661	22	4	581	94	39	161
	$1,000	749 419	352	(D)	16 451	1 113	653	5 756
Corn for grain	farms	15 936	6	-	487	29	25	108
	$1,000	418 518	158	-	14 189	(D)	429	2 097
Wheat	farms	11 004	20	-	272	64	19	81
	$1,000	59 317	154	-	1 130	334	110	620
Soybeans	farms	9 946	1	-	89	4	-	96
	$1,000	161 000	(D)	-	920	(D)	-	791
Sorghum for grain	farms	15	-	-	-	-	-	-
	$1,000	61	-	-	-	-	-	-
Oats	farms	5 846	11	3	119	52	10	61
	$1,000	16 887	36	(D)	171	308	(D)	171
Other grains	farms	5 398	2	3	26	17	8	107
	$1,000	93 635	(D)	(D)	42	213	(D)	2 076
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	5 327	28	4	183	33	28	33
	$1,000	36 112	(D)	69	1 021	129	285	(D)
Vegetables, sweet corn, and melons	farms	2 102	1	1	62	7	3	21
	$1,000	111 584	(D)	(D)	5 671	91	(D)	720
Fruits, nuts, and berries	farms	2 490	-	1	119	8	48	1
	$1,000	156 942	-	(D)	7 244	204	2 758	(D)
Nursery and greenhouse products	farms	859	-	-	38	1	4	-
	$1,000	137 941	-	-	13 571	(D)	160	-
Other crops	farms	1 777	-	-	11	3	8	45
	$1,000	103 969	-	-	2 564	(D)	(D)	2 425
Livestock, poultry, and their products	farms	16 228	67	28	670	110	84	109
	$1,000	1 184 484	3 435	1 564	73 433	6 517	5 900	6 324
Poultry and poultry products	farms	1 146	3	1	77	4	10	6
	$1,000	100 485	(D)	(D)	14 642	(D)	936	(D)
Dairy products	farms	7 153	26	23	268	61	27	63
	$1,000	610 183	1 847	1 264	27 070	5 221	2 984	4 429
Cattle and calves	farms	13 056	63	28	471	107	62	92
	$1,000	272 448	1 181	297	12 661	994	1 491	1 179
Hogs and pigs	farms	4 306	4	-	261	10	13	20
	$1,000	177 062	57	-	18 575	(D)	147	(D)
Sheep, lambs, and wool	farms	864	4	1	25	3	3	2
	$1,000	3 720	3	(D)	59	(D)	7	(D)
Other livestock and livestock products (see text)	farms	966	2	-	28	4	14	3
	$1,000	20 586	(D)	-	426	(D)	335	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		11 715	5	-	168	34	2	96
Field crops, except cash grains (013)		1 151	10	2	30	4	13	23
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		1 151	10	2	30	4	13	23

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Beraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS AND LAND IN FARMS								
Land in farms	farms, 1982	16	455	653	58	757	638	639
	1978	17	407	646	69	801	597	547
	acres, 1982	6 891	138 629	159 264	15 662	149 820	208 297	220 943
	1978	7 294	122 648	154 490	17 367	146 872	196 090	189 889
Average size of farm	acres, 1982	431	305	244	270	198	326	346
	1978	429	301	239	252	183	328	347
Value of land and buildings[1]:								
Average per farm	dollars, 1982	173 938	258 352	501 315	278 793	275 511	320 411	315 199
	1978	156 765	249 127	299 555	204 123	213 843	261 697	273 526
Average per acre	dollars, 1982	404	920	1 990	1 029	1 426	992	901
	1978	365	800	1 255	808	1 191	792	766
Total cropland	farms, 1982	16	440	647	58	748	632	631
	1978	17	406	641	68	797	593	536
	acres, 1982	3 883	108 623	146 650	8 184	126 500	165 326	179 685
	1978	4 274	95 138	136 973	8 878	120 528	154 027	150 457
Harvested cropland	farms, 1982	16	430	642	58	743	629	624
	1978	16	394	640	68	793	591	534
	acres, 1982	2 865	93 550	140 213	6 061	112 364	150 785	159 255
	1978	2 753	77 710	130 434	5 977	102 266	133 723	125 291
Irrigated land	farms, 1982	1	17	49	19	133	118	46
	1978	-	23	49	19	189	95	44
	acres, 1982	(D)	2 180	3 963	483	5 140	24 288	10 487
	1978	-	2 043	3 822	602	6 415	18 392	6 165
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1982	766	36 105	41 825	3 606	61 882	48 366	52 489
	1978	559	22 807	32 461	5 894	49 551	34 692	34 825
Average per farm	dollars, 1982	47 859	79 352	64 051	62 178	81 746	75 808	82 142
	1978	32 867	56 037	50 249	85 422	61 861	58 111	63 666
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms	4	366	632	55	728	588	583
	$1,000	51	12 509	38 279	2 817	52 130	24 706	27 355
Grains	farms	1	339	601	9	437	577	561
	$1,000	(D)	10 107	21 247	58	12 769	22 389	21 499
Corn for grain	farms	-	289	429	2	353	521	505
	$1,000	-	7 063	9 806	(D)	7 946	14 905	15 101
Wheat	farms	-	230	228	1	183	293	370
	$1,000	-	1 255	954	(D)	730	1 292	2 432
Soybeans	farms	-	115	242	1	294	414	275
	$1,000	-	1 229	2 567	(D)	3 808	5 805	3 449
Sorghum for grain	farms	-	-	-	-	-	-	2
	$1,000	-	-	-	-	-	-	(D)
Oats	farms	1	83	78	1	25	82	158
	$1,000	(D)	198	95	(D)	37	133	443
Other grains	farms	-	40	486	6	17	20	20
	$1,000	-	362	7 825	4	247	254	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	2	121	24	3	58	85	115
	$1,000	(D)	921	158	(D)	201	325	524
Vegetables, sweet corn, and melons	farms	1	31	81	3	217	12	9
	$1,000	(D)	1 200	3 088	(D)	9 369	349	1 550
Fruits, nuts, and berries	farms	1	7	7	49	460	11	10
	$1,000	(D)	(D)	(D)	2 570	24 857	253	(D)
Nursery and greenhouse products	farms	1	5	12	2	35	11	9
	$1,000	(D)	164	(D)	(D)	4 811	(D)	3 329
Other crops	farms	-	2	319	-	21	3	3
	$1,000	-	(D)	12 663	-	124	(D)	(D)
Livestock, poultry, and their products	farms	15	311	114	19	227	382	388
	$1,000	715	23 596	3 546	789	9 752	23 659	25 134
Poultry and poultry products	farms	-	17	17	-	10	28	24
	$1,000	-	2 305	63	-	1 468	110	1 267
Dairy products	farms	12	154	34	4	46	125	124
	$1,000	575	15 642	(D)	(D)	2 392	7 036	11 243
Cattle and calves	farms	15	263	73	13	136	277	315
	$1,000	(D)	3 648	571	(D)	942	9 084	7 106
Hogs and pigs	farms	-	64	38	2	100	184	131
	$1,000	-	1 700	564	(D)	4 530	7 149	5 286
Sheep, lambs, and wool	farms	-	7	-	-	8	29	37
	$1,000	-	37	-	-	9	256	136
Other livestock and livestock products (see text)	farms	1	28	11	6	25	14	17
	$1,000	(D)	265	(D)	(D)	411	24	97
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		-	180	399	1	178	407	357
Field crops, except cash grains (013)		1	22	119	-	-	1	13
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		1	22	119	-	-	1	13

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS AND LAND IN FARMS								
Land in farms	farms, 1982	528	66	53	129	122	805	2
	1978	535	68	51	126	113	726	2
	acres, 1982	169 995	25 128	23 169	58 550	50 709	224 399	(D)
	1978	162 070	23 321	21 796	53 525	46 478	202 229	(D)
Average size of farm	acres, 1982	322	381	437	454	416	279	(D)
	1978	303	343	427	425	411	279	(D)
Value of land and buildings[1]:								
Average per farm	dollars, 1982	386 629	346 621	198 486	184 115	327 705	319 310	(D)
	1978	329 323	152 547	210 098	102 688	251 355	226 683	(D)
Average per acre	dollars, 1982	1 172	732	409	448	764	1 152	(D)
	1978	1 002	592	448	265	515	860	(D)
Total cropland	farms, 1982	520	66	52	128	117	805	2
	1978	522	66	49	124	110	725	2
	acres, 1982	135 440	16 465	15 174	44 650	35 739	192 281	(D)
	1978	124 942	16 623	13 277	41 516	30 024	169 641	(D)
Harvested cropland	farms, 1982	511	64	51	126	110	802	2
	1978	510	66	48	122	106	722	2
	acres, 1982	118 283	13 445	10 608	31 862	25 921	179 219	(D)
	1978	103 011	12 854	9 528	29 847	19 928	149 617	(D)
Irrigated land	farms, 1982	65	5	3	2	4	22	-
	1978	64	1	1	2	1	21	-
	acres, 1982	11 837	(D)	(D)	(D)	(D)	2 536	-
	1978	8 238	(D)	(D)	(D)	(D)	1 956	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1982	53 617	3 982	3 737	6 430	9 627	62 037	(D)
	1978	39 285	3 977	2 706	4 617	6 760	40 542	(D)
Average per farm	dollars, 1982	101 547	60 340	70 501	49 843	78 912	77 064	(D)
	1978	73 430	58 487	53 065	36 646	59 826	55 843	(D)
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms	451	39	31	81	76	759	2
	$1,000	19 705	682	586	1 290	1 320	26 114	(D)
Grains	farms	404	27	21	45	59	732	-
	$1,000	14 286	227	172	223	905	22 305	-
Corn for grain	farms	332	11	3	3	28	522	-
	$1,000	9 588	116	26	(D)	518	10 089	-
Wheat	farms	190	12	14	13	45	483	-
	$1,000	766	29	64	27	261	2 313	-
Soybeans	farms	254	-	-	2	6	570	-
	$1,000	3 787	-	-	(D)	31	7 900	-
Sorghum for grain	farms	2	-	1	-	-	1	-
	$1,000	(D)	-	(D)	-	-	(D)	-
Oats	farms	39	5	3	30	28	219	-
	$1,000	79	(D)	(D)	86	74	(D)	-
Other grains	farms	15	11	8	7	9	112	-
	$1,000	(D)	(D)	74	6	21	1 560	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	121	18	12	64	41	165	1
	$1,000	676	159	51	993	297	970	(D)
Vegetables, sweet corn, and melons	farms	37	5	2	2	3	16	1
	$1,000	2 671	(D)	(D)	(D)	(D)	318	(D)
Fruits, nuts, and berries	farms	41	4	2	1	-	15	-
	$1,000	1 891	148	(D)	(D)	-	543	-
Nursery and greenhouse products	farms	4	1	2	-	1	7	-
	$1,000	(D)	(D)	(D)	-	(D)	(D)	-
Other crops	farms	4	1	-	-	-	22	-
	$1,000	(D)	(D)	-	-	-	(D)	-
Livestock, poultry, and their products	farms	349	58	50	108	113	499	2
	$1,000	33 912	3 301	3 150	5 139	8 307	35 923	(D)
Poultry and poultry products	farms	17	4	3	7	1	19	-
	$1,000	844	306	6	(D)	(D)	(D)	-
Dairy products	farms	56	33	22	63	54	214	-
	$1,000	3 593	2 391	(D)	3 298	4 803	(D)	-
Cattle and calves	farms	173	54	47	97	93	405	2
	$1,000	2 774	472	512	792	2 293	6 162	(D)
Hogs and pigs	farms	231	9	5	15	24	158	-
	$1,000	25 918	86	(D)	104	905	4 374	-
Sheep, lambs, and wool	farms	36	2	1	11	6	22	-
	$1,000	62	(D)	(D)	32	37	146	-
Other livestock and livestock products (see text)	farms	18	3	3	15	13	11	-
	$1,000	722	(D)	(D)	(D)	(D)	(D)	-
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		215	3	6	3	12	445	-
Field crops, except cash grains (013)		2	5	2	32	8	21	1
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		2	5	2	32	8	21	1

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS AND LAND IN FARMS								
Land in farms	farms, 1982	131	54	663	62	394	156	15
	1978	126	49	591	64	334	125	14
	acres, 1982	49 760	22 082	203 419	22 526	129 066	43 485	(D)
	1978	56 857	21 412	179 970	24 678	111 370	40 249	(D)
Average size of farm	acres, 1982	380	409	307	363	328	279	(D)
	1978	451	437	305	386	333	322	(D)
Value of land and buildings[1]:								
Average per farm	dollars, 1982	178 893	222 870	355 154	284 191	418 365	260 506	107 400
	1978	143 507	218 776	251 027	180 877	343 213	241 669	89 357
Average per acre	dollars, 1982	413	530	1 115	658	1 191	886	405
	1978	328	526	872	477	1 117	683	294
Total cropland	farms, 1982	124	54	657	61	388	151	12
	1978	121	49	590	64	331	124	13
	acres, 1982	27 611	12 305	167 456	13 347	111 908	34 804	(D)
	1978	30 187	11 457	146 633	14 715	98 866	31 073	(D)
Harvested cropland	farms, 1982	119	54	650	60	386	148	12
	1978	119	48	588	63	330	123	12
	acres, 1982	20 443	9 433	149 715	10 483	102 663	28 558	1 430
	1978	20 320	8 397	124 342	11 262	87 077	23 744	1 415
Irrigated land	farms, 1982	10	10	22	10	18	-	-
	1978	8	8	21	7	14	-	-
	acres, 1982	380	(D)	1 646	301	1 181	-	-
	1978	164	(D)	2 262	289	1 225	-	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1982	7 270	3 929	41 622	3 639	32 788	6 741	895
	1978	5 578	2 847	26 992	3 088	20 289	4 873	638
Average per farm	dollars, 1982	55 499	72 768	62 779	58 691	83 218	43 210	59 649
	1978	44 271	58 104	45 671	48 248	60 746	38 983	45 538
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products	farms	67	26	598	32	361	125	1
	$1,000	1 689	1 671	26 421	914	17 321	2 488	(D)
Grains	farms	43	11	567	12	317	110	1
	$1,000	531	88	22 309	142	12 385	2 026	(D)
Corn for grain	farms	4	3	494	4	239	64	-
	$1,000	(D)	(D)	12 200	(D)	7 080	916	-
Wheat	farms	7	-	438	2	101	72	-
	$1,000	(D)	-	3 182	(D)	436	323	-
Soybeans	farms	1	-	298	-	222	23	-
	$1,000	(D)	-	3 893	-	4 154	176	-
Sorghum for grain	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Oats	farms	21	7	128	8	141	39	1
	$1,000	47	42	226	18	488	96	(D)
Other grains	farms	22	3	192	4	30	29	-
	$1,000	357	(D)	2 807	(D)	226	515	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	36	7	133	17	72	52	1
	$1,000	234	68	841	87	454	258	(D)
Vegetables, sweet corn, and melons	farms	2	2	22	4	20	5	-
	$1,000	(D)	(D)	1 945	84	(D)	(D)	-
Fruits, nuts, and berries	farms	5	1	8	2	19	-	-
	$1,000	76	(D)	78	(D)	1 051	-	-
Nursery and greenhouse products	farms	1	4	7	6	15	1	-
	$1,000	(D)	183	697	115	1 673	(D)	-
Other crops	farms	12	12	5	9	5	5	1
	$1,000	738	1 318	552	(D)	(D)	158	(D)
Livestock, poultry, and their products	farms	107	42	364	51	191	130	15
	$1,000	5 581	2 259	15 201	2 725	15 467	4 253	(D)
Poultry and poultry products	farms	3	2	16	2	18	10	-
	$1,000	1	(D)	332	(D)	108	13	-
Dairy products	farms	61	29	137	27	47	50	10
	$1,000	3 664	1 511	8 155	2 164	6 821	2 370	(D)
Cattle and calves	farms	92	42	295	46	145	121	12
	$1,000	878	221	3 734	473	6 174	1 380	67
Hogs and pigs	farms	12	4	85	4	50	39	-
	$1,000	(D)	(D)	2 713	(D)	1 887	414	-
Sheep, lambs, and wool	farms	1	1	34	2	17	7	-
	$1,000	(D)	(D)	136	(D)	20	14	-
Other livestock and livestock products (see text)	farms	16	8	33	3	19	12	3
	$1,000	920	(D)	131	(D)	457	61	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		11	-	395	1	237	40	-
Field crops, except cash grains (013)		20	13	15	8	11	9	1
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		20	13	15	8	11	9	1

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Grand Traversa	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS AND LAND IN FARMS								
Land in farms—farms, 1982	218	788	690	44	1 266	504	648	76
1978	258	776	657	58	1 214	496	654	69
acres, 1982	52 584	264 469	223 207	14 771	410 279	190 332	207 498	38 272
1978	52 654	238 179	199 237	19 724	357 517	182 411	197 957	37 824
Average size of farm—acres, 1982	241	336	323	336	324	378	320	504
1978	204	307	303	340	294	368	303	548
Value of land and buildings[1]:								
Average per farm—dollars, 1982	372 651	517 402	406 409	160 722	525 005	463 591	312 128	372 066
1978	304 710	308 449	297 055	92 189	364 424	368 030	252 927	366 167
Average per acre—dollars, 1982	1 417	1 638	1 158	408	1 578	1 236	1 008	622
1978	1 413	1 014	945	235	1 271	1 036	846	607
Total cropland—farms, 1982	213	775	676	44	1 233	498	643	75
1978	257	767	648	58	1 181	486	645	68
acres, 1982	39 139	232 533	179 317	7 726	367 771	163 316	173 546	24 179
1978	37 300	205 766	160 684	10 914	316 099	152 767	160 876	21 133
Harvested cropland—farms, 1982	212	769	667	43	1 227	490	642	75
1978	255	765	639	58	1 178	483	638	68
acres, 1982	32 752	223 411	167 846	5 033	345 619	146 620	157 678	19 209
1978	30 428	185 471	141 674	7 121	284 541	134 831	136 386	16 061
Irrigated land—farms, 1982	62	24	30	2	12	22	27	3
1978	70	17	34	5	10	24	32	-
acres, 1982	2 469	2 821	3 844	(D)	1 135	2 091	2 480	(D)
1978	2 655	872	3 891	15	429	2 178	2 783	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)—$1,000, 1982	12 476	68 069	57 161	2 193	138 735	53 627	60 950	6 788
1978	19 902	48 889	38 292	1 928	91 597	38 819	43 008	4 080
Average per farm—dollars, 1982	57 229	86 382	82 842	49 831	109 586	106 402	94 059	89 317
1978	77 139	63 002	58 284	33 234	75 451	78 264	65 762	59 125
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products—farms	191	728	610	16	1 149	444	581	56
$1,000	8 358	42 275	24 914	523	58 332	28 571	24 560	1 592
Grains—farms	50	717	595	9	1 132	410	551	43
$1,000	665	36 018	22 041	20	44 988	21 698	19 447	1 275
Corn for grain—farms	30	551	516	1	854	356	451	25
$1,000	480	14 154	15 382	(D)	19 628	14 389	11 334	959
Wheat—farms	31	364	347	-	612	246	397	26
$1,000	110	2 030	1 431	-	3 353	2 073	2 466	120
Soybeans—farms	1	563	357	-	69	229	260	6
$1,000	(D)	10 428	4 854	-	691	4 318	3 360	(D)
Sorghum for grain—farms	-	-	3	-	-	-	-	-
$1,000	-	-	8	-	-	-	-	-
Oats—farms	12	190	125	9	461	88	164	15
$1,000	(D)	488	276	11	1 575	342	393	(D)
Other grains—farms	15	449	12	3	927	28	105	8
$1,000	55	8 918	90	(D)	19 740	577	1 894	86
Cotton and cottonseed—farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco—farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds—farms	37	68	156	5	184	99	137	33
$1,000	(D)	712	1 474	25	1 684	577	667	271
Vegetables, sweet corn, and melons—farms	18	33	14	1	1	19	45	1
$1,000	327	1 873	821	(D)	(D)	3 467	1 228	(D)
Fruits, nuts, and berries—farms	137	5	9	3	2	12	26	2
$1,000	6 806	(D)	(D)	(D)	(D)	603	2 527	(D)
Nursery and greenhouse products—farms	5	4	4	1	1	13	6	1
$1,000	303	93	(D)	(D)	(D)	1 913	(D)	(D)
Other crops—farms	2	52	-	8	327	9	1	-
$1,000	(D)	(D)	-	421	11 581	311	(D)	-
Livestock, poultry, and their products—farms	83	353	433	39	772	338	456	67
$1,000	4 118	25 794	32 247	1 669	80 404	25 056	36 390	5 196
Poultry and poultry products—farms	3	20	31	4	68	27	12	3
$1,000	(D)	1 670	1 324	127	14 330	232	(D)	(D)
Dairy products—farms	23	150	164	35	406	144	208	28
$1,000	2 257	13 468	15 125	1 305	29 014	16 514	21 051	2 353
Cattle and calves—farms	62	270	332	37	672	267	393	60
$1,000	1 186	7 630	8 577	(D)	30 721	3 412	5 585	2 512
Hogs and pigs—farms	22	98	152	1	124	86	120	11
$1,000	(D)	2 917	6 745	(D)	6 115	4 150	4 329	320
Sheep, lambs, and wool—farms	1	17	40	-	9	24	21	5
$1,000	(D)	22	233	-	4	248	81	4
Other livestock and livestock products (see text)—farms	12	14	22	-	12	27	9	4
$1,000	(D)	89	243	-	220	501	(D)	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	11	534	387	-	638	234	284	12
Field crops, except cash grains (013)	5	11	12	6	52	6	7	7
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	5	11	12	6	52	6	7	7

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARMS AND LAND IN FARMS									
Land in farms	farms, 1982	33	505	499	448	31	716	-	30
	1978	25	473	420	456	29	691	-	22
	acres, 1982	20 159	158 981	183 817	146 752	10 758	179 069	-	8 760
	1978	12 054	153 325	175 128	138 929	10 102	174 871	-	6 967
Average size of farm	acres, 1982	611	315	368	328	347	250	-	292
	1978	482	324	417	305	348	253	-	317
Value of land and buildings[1]:									
Average per farm	dollars, 1982	268 182	296 768	365 683	416 924	264 452	351 753	-	156 900
	1978	135 800	249 618	340 908	317 755	207 000	261 727	-	120 500
Average per acre	dollars, 1982	439	956	1 028	1 260	762	1 427	-	557
	1978	282	784	810	1 065	594	1 039	-	397
Total cropland	farms, 1982	31	501	494	444	30	703	-	29
	1978	24	469	410	448	26	681	-	22
	acres, 1982	8 881	134 342	143 472	121 155	7 678	145 213	-	5 632
	1978	6 421	125 290	134 555	110 687	6 598	142 240	-	4 323
Harvested cropland	farms, 1982	31	499	493	436	29	699	-	29
	1978	24	463	406	440	26	673	-	21
	acres, 1982	6 069	121 098	128 107	107 436	6 162	128 905	-	4 712
	1978	4 328	107 927	113 004	96 243	4 981	122 898	-	2 839
Irrigated land	farms, 1982	5	7	27	109	10	109	-	1
	1978	4	9	31	96	3	106	-	-
	acres, 1982	541	1 182	5 659	13 011	(D)	4 723	-	(D)
	1978	(D)	789	7 036	6 961	(D)	5 399	-	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1982	1 700	39 283	42 580	51 316	2 528	75 449	-	1 289
	1978	926	30 444	31 973	36 867	1 471	56 402	-	724
Average per farm	dollars, 1982	51 518	77 789	85 331	114 546	81 546	105 376	-	42 957
	1978	37 049	64 364	76 127	80 850	50 719	81 624	-	32 922
1982 sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms	20	422	458	411	22	619	-	20
	$1,000	1 019	11 615	18 400	29 738	1 336	44 112	-	283
Grains	farms	9	401	423	307	19	421	-	18
	$1,000	43	9 905	15 057	15 274	223	10 603	-	193
Corn for grain	farms	-	271	386	255	11	363	-	12
	$1,000	-	4 713	12 659	9 594	82	8 297	-	123
Wheat	farms	1	257	248	198	15	222	-	10
	$1,000	(D)	1 234	1 257	1 838	100	1 004	-	21
Soybeans	farms	-	160	91	177	1	37	-	1
	$1,000	-	1 448	780	3 589	(D)	386	-	(D)
Sorghum for grain	farms	-	-	-	2	1	-	-	-
	$1,000	-	-	-	(D)	(D)	-	-	-
Oats	farms	7	116	143	67	5	110	-	6
	$1,000	25	251	357	156	4	289	-	9
Other grains	farms	3	180	6	14	3	35	-	4
	$1,000	(D)	2 258	4	(D)	(D)	627	-	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12	126	180	72	8	177	-	9
	$1,000	136	847	1 266	(D)	40	1 036	-	(D)
Vegetables, sweet corn, and melons	farms	1	8	27	23	-	84	-	2
	$1,000	(D)	761	1 530	770	-	4 676	-	(D)
Fruits, nuts, and berries	farms	1	5	10	41	-	171	-	-
	$1,000	(D)	(D)	(D)	1 714	-	17 316	-	-
Nursery and greenhouse products	farms	-	-	12	67	-	49	-	-
	$1,000	-	-	308	11 354	-	9 673	-	-
Other crops	farms	6	1	6	3	6	10	-	-
	$1,000	(D)	(D)	(D)	(D)	1 073	808	-	-
Livestock, poultry, and their products	farms	27	337	333	230	26	424	-	26
	$1,000	681	27 668	24 180	21 578	1 192	31 337	-	1 006
Poultry and poultry products	farms	3	12	23	26	1	17	-	3
	$1,000	(D)	(D)	38	1 668	(D)	(D)	-	(D)
Dairy products	farms	9	183	105	49	12	213	-	14
	$1,000	277	15 900	12 312	(D)	542	21 764	-	(D)
Cattle and calves	farms	25	297	266	156	21	368	-	22
	$1,000	277	7 749	8 735	5 123	220	5 614	-	152
Hogs and pigs	farms	2	70	118	102	8	85	-	4
	$1,000	(D)	(D)	2 543	4 873	(D)	2 671	-	(D)
Sheep, lambs, and wool	farms	2	2	39	11	2	15	-	1
	$1,000	(D)	(D)	343	66	(D)	37	-	(D)
Other livestock and livestock products (see text)	farms	3	13	24	22	7	23	-	2
	$1,000	(D)	(D)	209	(D)	(D)	(D)	-	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		1	220	244	183	1	155	-	4
Field crops, except cash grains (013)		7	19	19	13	6	22	-	1
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		7	19	19	13	6	22	-	1

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelenau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS AND LAND IN FARMS									
Land in farms	farms, 1982	544	224	956	319	12	41	391	83
	1978	483	264	1 029	313	11	37	348	96
	acres, 1982	177 006	54 600	341 493	105 756	6 802	20 850	72 999	27 500
	1978	167 960	57 084	325 774	101 195	7 146	19 168	63 162	26 619
Average size of farm	acres, 1982	325	244	357	332	567	509	187	296
	1978	348	216	317	323	650	518	182	277
Value of land and buildings[1]:									
Average per farm	dollars, 1982	397 572	412 500	531 847	367 897	237 250	185 390	346 307	277 849
	1978	369 486	237 819	422 526	405 307	259 182	168 622	288 620	178 129
Average per acre	dollars, 1982	1 252	1 630	1 471	1 225	419	365	1 825	1 061
	1978	1 060	1 098	1 329	1 179	399	325	1 680	728
Total cropland	ferms, 1982	537	221	934	307	12	41	381	88
	1978	479	264	1 013	308	11	36	343	96
	acres, 1982	146 682	33 653	305 985	84 427	3 209	12 567	64 290	17 493
	1978	138 785	33 946	290 324	79 678	5 291	12 256	55 019	15 905
Harvested cropland	farms, 1982	529	220	927	301	12	40	379	88
	1978	474	261	1 004	297	10	35	341	94
	acres, 1982	126 946	26 622	292 568	74 411	2 549	9 787	58 550	13 598
	1978	115 790	24 843	269 060	66 185	1 776	8 458	47 943	11 793
Irrigated land	farms, 1982	27	65	23	15	1	-	68	43
	1978	29	64	25	17	-	-	61	44
	acres, 1982	2 093	2 915	2 378	1 572	(D)	-	1 798	4 352
	1978	2 343	2 423	3 159	1 732	-	-	1 733	2 368
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1982	50 266	15 446	86 119	31 235	625	2 710	32 534	8 391
	1978	38 731	22 061	69 951	22 365	793	1 892	24 006	8 697
Average per farm	dollars, 1982	92 401	68 956	90 083	97 914	52 072	66 110	83 207	90 224
	1978	80 189	83 565	67 980	71 454	72 108	51 125	68 982	90 593
1982 sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms	442	203	905	267	8	15	359	82
	$1,000	24 286	11 283	55 170	12 327	183	65	23 500	7 638
Grains	farms	389	37	891	244	3	6	231	18
	$1,000	11 772	463	49 538	7 053	5	16	5 847	376
Corn for grain	farms	312	20	769	212	-	-	143	9
	$1,000	8 367	350	27 288	5 578	-	-	2 226	128
Wheat	farms	159	15	554	152	-	5	89	8
	$1,000	690	31	3 537	699	-	(D)	271	39
Soybeans	farms	120	2	764	48	-	-	182	-
	$1,000	947	(D)	18 200	471	-	-	3 058	-
Sorghum for grain	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Oats	farms	127	13	171	75	3	2	68	3
	$1,000	376	12	407	(D)	(D)	(D)	222	1
Other greins	farms	61	7	20	5	1	-	17	7
	$1,000	1 391	(D)	106	(D)	(D)	-	71	208
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	158	19	84	105	6	11	32	15
	$1,000	1 158	68	335	676	27	32	(D)	85
Vegetables, sweet corn, and melons	farms	29	10	56	11	2	-	117	28
	$1,000	6 655	84	3 915	(D)	(D)	-	4 132	671
Fruits, nuts, and berries	farms	12	181	19	12	-	-	33	58
	$1,000	906	10 427	500	476	-	-	1 881	4 854
Nursery and greenhouse products	farms	12	2	5	8	2	1	78	6
	$1,000	3 144	(D)	197	430	(D)	(D)	11 067	292
Other crops	farms	11	4	7	2	1	2	6	7
	$1,000	651	(D)	686	(D)	(D)	(D)	(D)	1 361
Livestock, poultry, and their products	farms	391	76	401	226	9	40	157	37
	$1,000	25 980	4 163	30 949	18 907	442	2 645	9 034	753
Poultry and poultry products	farms	18	6	32	11	3	7	25	4
	$1,000	71	(D)	780	80	(D)	4	590	1
Dairy products	farms	208	23	100	102	-	30	69	7
	$1,000	15 458	(D)	13 315	(D)	-	(D)	(D)	(D)
Cattle and calves	farms	335	60	253	194	8	38	130	31
	$1,000	8 004	2 250	9 054	5 843	364	(D)	2 988	346
Hogs and pigs	farms	81	21	165	47	3	-	26	9
	$1,000	1 963	129	6 719	848	(D)	-	472	(D)
Sheep, lambs, and wool	farms	22	-	48	26	-	1	10	1
	$1,000	48	-	192	54	-	(D)	11	(D)
Other livestock and livestock products (see text)	farms	29	16	29	21	-	3	10	6
	$1,000	437	84	890	(D)	-	(D)	(D)	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		161	3	665	97	-	-	134	3
Field crops, except cash grains (013)		36	3	4	15	1	-	5	9
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		36	3	4	15	1	-	5	9

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS AND LAND IN FARMS									
Land in farms	farms, 1982	21	213	252	227	207	210	760	560
	1978	26	212	204	231	212	204	750	487
	acres, 1982	10 236	62 811	87 326	88 990	74 012	73 332	213 427	198 287
	1978	12 160	60 856	77 106	101 172	69 143	77 398	191 817	175 535
Average size of farm	acres, 1982	487	295	347	440	358	349	281	354
	1978	468	287	378	438	326	379	256	360
Value of land and buildings[1]:									
Average per farm	dollars, 1982	156 571	304 183	256 567	223 648	504 763	324 557	477 971	296 416
	1978	156 348	197 956	260 329	172 220	351 565	235 115	388 622	287 872
Average per acre	dollars, 1982	314	1 024	758	529	1 433	881	1 607	866
	1978	334	698	722	393	1 184	613	1 548	805
Total cropland	farms, 1982	20	208	251	222	205	203	742	546
	1978	26	212	203	228	212	204	737	483
	acres, 1982	4 986	49 587	65 556	55 228	62 096	53 610	195 561	159 367
	1978	5 097	45 777	55 138	58 448	57 067	51 610	177 074	138 701
Harvested cropland	farms, 1982	18	205	247	222	205	200	741	542
	1978	26	210	200	226	212	203	734	480
	acres, 1982	3 215	42 741	53 717	46 609	59 682	46 781	189 740	145 194
	1978	3 896	36 610	43 245	45 653	52 637	41 669	167 972	115 421
Irrigated land	farms, 1982	-	40	13	4	7	16	36	97
	1978	1	41	14	4	5	16	37	108
	acres, 1982	-	2 468	(D)	43	756	1 195	1 714	25 529
	1978	(D)	1 886	(D)	(D)	(D)	1 388	2 796	22 592
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1982	1 254	17 188	21 243	18 641	17 238	22 547	59 470	54 348
	1978	1 295	12 429	11 948	12 160	12 877	13 777	41 816	31 897
Average per farm	dollars, 1982	59 698	80 743	84 298	73 308	83 275	107 366	78 250	97 050
	1978	49 795	56 626	58 568	52 642	60 738	67 536	55 755	65 496
1982 sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms	9	188	179	89	193	81	734	482
	$1,000	399	7 789	6 333	788	10 910	1 271	45 729	34 612
Grains	farms	4	121	149	64	187	66	686	445
	$1,000	23	2 121	2 713	481	9 330	429	30 412	16 908
Corn for grain	farms	-	77	103	32	148	32	557	360
	$1,000	-	1 411	1 704	297	4 198	273	14 851	9 100
Wheat	farms	-	98	100	4	80	33	291	297
	$1,000	-	548	367	(D)	488	93	1 252	2 227
Soybeans	farms	-	4	4	1	135	-	638	74
	$1,000	-	19	(D)	(D)	2 241	-	13 787	925
Sorghum for grain	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Oats	farms	4	40	39	25	41	26	167	124
	$1,000	(D)	97	(D)	60	85	(D)	(D)	307
Other grains	farms	1	26	38	22	120	3	5	204
	$1,000	(D)	47	556	117	2 317	(D)	(D)	4 350
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	6	45	84	50	25	56	61	125
	$1,000	112	(D)	781	283	145	663	679	720
Vegetables, sweet corn, and melons	farms	1	63	18	-	6	1	91	19
	$1,000	(D)	1 425	441	-	189	(D)	5 191	(D)
Fruits, nuts, and berries	farms	-	49	5	1	2	1	17	12
	$1,000	-	3 553	(D)	(D)	(D)	(D)	362	833
Nursery and greenhouse products	farms	2	11	2	1	4	-	40	2
	$1,000	(D)	454	(D)	(D)	(D)	-	5 069	(D)
Other crops	farms	5	3	5	5	17	4	11	56
	$1,000	241	(D)	2 073	(D)	(D)	(D)	4 016	15 483
Livestock, poultry, and their products	farms	16	128	213	217	64	199	237	353
	$1,000	855	9 409	14 910	15 843	6 328	21 276	13 741	19 736
Poultry and poultry products	farms	1	7	14	12	2	4	43	21
	$1,000	(D)	(D)	18	(D)	(D)	(D)	1 582	478
Dairy products	farms	12	75	131	174	13	171	27	204
	$1,000	710	6 457	9 105	12 563	(D)	(D)	1 972	14 919
Cattle and calves	farms	15	114	182	202	46	184	144	307
	$1,000	125	2 264	4 973	1 627	4 608	2 734	6 621	2 689
Hogs and pigs	farms	3	19	32	10	26	12	102	65
	$1,000	(D)	(D)	702	117	(D)	607	3 339	1 511
Sheep, lambs, and wool	farms	-	6	5	3	3	5	14	10
	$1,000	-	(D)	3	1	(D)	13	26	23
Other livestock and livestock products (see text)	farms	-	6	5	10	3	3	20	14
	$1,000	-	(D)	108	(D)	(D)	(D)	200	116
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		-	19	35	5	151	2	543	230
Field crops, except cash grains (013)		3	2	30	7	7	17	11	60
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		3	2	30	7	7	17	11	60

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Oscoda
FARMS AND LAND IN FARMS									
Land in farms	farms, 1982	38	203	344	178	366	119	35	210
	1978	33	182	299	183	372	117	37	191
	acres, 1982	15 850	67 195	92 039	44 108	99 729	45 525	17 626	75 348
	1978	14 696	65 172	79 156	49 831	90 622	50 048	18 721	72 623
Average size of farm	acres, 1982	417	331	268	248	272	383	504	359
	1978	445	358	265	272	244	428	506	380
Value of land and buildings[1]:									
Average per farm	dollars, 1982	369 579	381 387	305 648	548 619	300 743	327 328	200 229	233 319
	1978	268 067	327 833	201 088	489 644	190 660	239 709	154 655	164 459
Average per acre	dollars, 1982	832	1 161	1 163	2 217	1 172	780	396	656
	1978	583	821	690	1 927	777	586	315	474
Total cropland	farms, 1982	38	197	338	165	361	119	35	205
	1978	32	182	293	172	367	114	36	190
	acres, 1982	10 406	49 690	69 288	36 464	69 383	34 662	9 523	53 341
	1978	9 386	46 349	59 927	35 693	64 637	33 424	9 260	51 270
Harvested cropland	farms, 1982	37	195	332	155	357	116	35	202
	1978	32	180	291	159	366	113	36	189
	acres, 1982	8 375	44 491	58 180	29 234	54 963	28 268	6 694	40 891
	1978	7 684	39 645	48 678	26 512	48 906	26 759	7 060	38 606
Irrigated land	farms, 1982	2	30	35	37	55	2	-	9
	1978	-	31	32	38	71	2	-	10
	acres, 1982	(D)	6 345	4 984	872	2 810	(D)	-	(D)
	1978	-	1 201	3 811	702	2 722	(D)	-	701
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1982	2 535	26 107	31 920	17 232	28 614	8 869	1 540	16 857
	1978	1 794	17 119	23 382	15 875	24 270	6 657	1 295	11 020
Average per farm	dollars, 1982	66 706	128 608	92 790	96 808	78 182	74 526	44 000	80 269
	1978	54 352	94 062	78 201	86 748	65 242	56 900	35 002	57 699
1982 sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms	18	162	251	142	323	62	24	88
	$1,000	273	15 502	13 395	14 170	19 153	1 027	212	1 290
Grains	farms	16	104	192	77	135	48	2	61
	$1,000	217	2 695	2 614	3 020	1 420	649	(D)	452
Corn for grain	farms	5	86	164	63	100	11	-	18
	$1,000	(D)	2 274	2 325	2 555	1 135	258	-	206
Wheat	farms	10	54	71	45	66	36	-	36
	$1,000	52	283	175	252	226	150	-	154
Soybeans	farms	-	4	7	9	2	2	-	2
	$1,000	-	94	21	134	(D)	(D)	-	(D)
Sorghum for grain	farms	-	-	-	2	-	-	-	-
	$1,000	-	-	-	(D)	-	-	-	-
Oats	farms	11	18	36	29	16	20	2	18
	$1,000	(D)	(D)	62	(D)	25	(D)	(D)	69
Other grains	farms	4	10	12	-	23	5	-	7
	$1,000	67	(D)	31	-	(D)	106	-	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	6	41	90	57	71	30	24	54
	$1,000	(D)	(D)	688	459	391	240	(D)	451
Vegetables, sweet corn, and melons	farms	-	31	45	16	228	1	-	-
	$1,000	-	3 318	7 124	(D)	7 408	(D)	-	-
Fruits, nuts, and berries	farms	1	41	23	14	163	1	-	1
	$1,000	(D)	7 224	2 165	798	9 260	(D)	-	(D)
Nursery and greenhouse products	farms	-	14	2	45	11	2	-	2
	$1,000	-	1 798	(D)	9 480	665	(D)	-	(D)
Other crops	farms	1	2	9	2	5	1	-	2
	$1,000	(D)	(D)	(D)	(D)	8	(D)	-	(D)
Livestock, poultry, and their products	farms	33	141	244	95	172	111	32	197
	$1,000	2 261	10 605	18 525	3 062	9 462	7 841	1 328	15 566
Poultry and poultry products	farms	2	13	17	8	13	2	2	5
	$1,000	(D)	12	2 017	19	561	(D)	(D)	(D)
Dairy products	farms	25	80	148	22	64	73	21	144
	$1,000	(D)	(D)	12 835	(D)	4 762	6 148	952	12 734
Cattle and calves	farms	30	123	214	61	147	108	32	188
	$1,000	(D)	2 363	2 412	738	3 129	1 566	353	1 963
Hogs and pigs	farms	5	33	41	13	40	10	2	16
	$1,000	(D)	(D)	1 075	221	(D)	(D)	(D)	(D)
Sheep, lambs, and wool	farms	-	3	8	5	4	2	1	4
	$1,000	-	(D)	45	50	(D)	(D)	(D)	(D)
Other livestock and livestock products (see text)	farms	2	5	17	28	11	2	2	9
	$1,000	(D)	(D)	141	(D)	86	(D)	(D)	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		5	17	52	34	12	6	-	6
Field crops, except cash grains (013)		1	5	27	12	7	5	7	13
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		1	5	27	12	7	5	7	13

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARMS AND LAND IN FARMS								
Land in farms—farms, 1982	41	55	853	114	6	980	529	592
1978	33	48	772	118	5	974	480	564
acres, 1982	12 116	25 434	152 333	52 807	1 432	285 483	152 858	194 357
1978	9 696	20 178	146 644	48 558	2 520	280 708	141 732	183 697
Average size of farm—acres, 1982	296	462	179	463	239	291	289	328
1978	294	420	190	412	504	288	295	326
Value of land and buildings[1]:								
Average per farm—dollars, 1982	186 366	235 018	301 098	350 991	(D)	477 552	306 673	411 505
1978	156 545	203 939	226 611	167 174	(D)	313 526	299 414	293 894
Average per acre—dollars, 1982	631	520	1 693	700	(D)	1 618	1 089	1 215
1978	533	455	1 172	422	(D)	1 095	1 082	996
Total cropland—farms, 1982	41	53	821	114	6	973	523	582
1978	33	47	755	118	5	969	475	554
acres, 1982	7 195	10 650	125 626	35 572	947	257 868	136 931	165 919
1978	7 101	10 267	118 970	30 986	2 128	246 022	127 194	152 675
Harvested cropland—farms, 1982	41	52	811	113	5	963	509	573
1978	33	47	733	118	5	962	468	547
acres, 1982	5 800	7 866	109 827	29 432	(D)	251 912	120 653	149 728
1978	4 545	6 974	98 787	21 910	(D)	234 017	102 174	132 463
Irrigated land—farms, 1982	1	3	177	14	2	30	12	194
1978	1	1	163	6	1	18	14	168
acres, 1982	(D)	(D)	8 576	(D)	(D)	1 073	281	56 527
1978	(D)	(D)	7 107	162	(D)	861	465	40 219
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)—$1,000, 1982	2 146	2 447	135 587	9 228	(D)	65 311	34 917	50 358
1978	1 523	1 506	85 470	5 343	122	49 998	26 479	38 676
Average per farm—dollars, 1982	52 335	44 499	158 953	80 949	(D)	66 644	66 005	85 064
1978	46 156	31 383	110 712	45 283	24 314	51 333	55 165	68 575
1982 sales by commodity or commodity group:								
Crops, including nursery and greenhouse products—farms	16	30	670	86	5	947	456	523
$1,000	154	742	55 944	4 864	134	53 329	18 300	31 839
Grains—farms	7	24	413	77	2	918	414	501
$1,000	(D)	(D)	7 791	1 406	(D)	42 529	13 897	27 969
Corn for grain—farms	7	6	329	13	1	624	275	425
$1,000	(D)	14	6 830	119	(D)	13 583	6 399	20 589
Wheat—farms	-	12	210	42	2	457	114	245
$1,000	-	47	689	196	(D)	2 786	397	1 064
Soybeans—farms	-	-	27	-	1	793	349	365
$1,000	-	-	145	-	(D)	17 994	5 851	5 429
Sorghum for grain—farms	-	-	-	-	-	-	-	1
$1,000	-	-	-	-	-	-	-	(D)
Oats—farms	3	19	83	44	1	216	177	34
$1,000	(D)	54	93	234	(D)	425	687	(D)
Other grains—farms	-	7	23	49	-	463	77	49
$1,000	-	(D)	33	857	-	7 741	563	836
Cotton and cottonseed—farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco—farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds—farms	13	16	131	24	2	70	108	134
$1,000	134	140	595	(D)	(D)	567	715	915
Vegetables, sweet corn, and melons—farms	-	1	109	-	-	38	34	25
$1,000	-	(D)	7 114	-	-	1 703	1 336	(D)
Fruits, nuts, and berries—farms	1	-	144	-	1	18	7	7
$1,000	(D)	-	13 427	-	(D)	270	(D)	128
Nursery and greenhouse products—farms	-	-	96	2	2	15	17	8
$1,000	-	-	26 555	(D)	(D)	1 013	1 620	768
Other crops—farms	-	8	11	33	-	177	18	11
$1,000	-	471	461	3 307	-	7 247	(D)	(D)
Livestock, poultry, and their products—farms	39	42	561	86	2	313	284	358
$1,000	1 992	1 705	79 644	4 364	(D)	11 981	16 617	18 519
Poultry and poultry products—farms	4	-	60	9	-	44	17	37
$1,000	(Z)	-	28 457	4	-	419	(D)	1 304
Dairy products—farms	29	23	256	45	-	98	128	99
$1,000	1 515	948	24 696	3 291	-	6 996	7 669	6 335
Cattle and calves—farms	38	41	435	84	1	243	244	231
$1,000	447	683	12 256	924	(D)	2 961	4 913	2 889
Hogs and pigs—farms	5	1	151	11	-	77	53	205
$1,000	(D)	(D)	14 058	(D)	-	(D)	660	7 791
Sheep, lambs, and wool—farms	2	1	12	-	-	4	14	33
$1,000	(D)	(D)	9	-	-	(D)	22	75
Other livestock and livestock products (see text)—farms	6	1	17	1	1	25	12	38
$1,000	10	(D)	167	(D)	(D)	414	(D)	124
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	2	85	21	1	754	270	342
Field crops, except cash grains (013)	4	13	13	24	1	23	21	15
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)	4	13	13	24	1	23	21	15

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS AND LAND IN FARMS									
Land in farms	farms, 1982	1 157	15	692	886	687	630	151	71
	1978	1 140	18	609	883	692	613	156	64
	acres, 1982	395 479	7 806	201 747	304 420	155 903	185 257	25 105	21 123
	1978	375 638	7 789	195 057	291 097	147 957	184 693	20 855	22 516
Average size of farm	acres, 1982	342	520	292	344	227	294	166	298
	1978	330	487	320	330	214	301	134	352
Value of land and buildings[1]:									
Average per farm	dollars, 1982	371 610	174 487	337 210	615 026	310 800	437 119	424 325	174 055
	1978	303 817	192 125	270 694	494 378	236 440	411 293	306 181	212 610
Average per acre	dollars, 1982	1 109	335	1 164	1 797	1 387	1 521	2 187	603
	1978	846	395	859	1 414	1 053	1 307	2 418	556
Total cropland	farms, 1982	1 145	15	686	877	684	621	147	67
	1978	1 133	16	604	875	687	610	152	63
	acres, 1982	355 039	5 438	172 357	275 111	125 502	154 996	22 578	15 478
	1978	331 718	4 584	164 845	259 017	114 053	154 087	18 202	15 220
Harvested cropland	farms, 1982	1 135	15	680	870	678	615	145	64
	1978	1 126	16	601	872	679	602	147	57
	acres, 1982	321 071	4 005	159 437	263 738	106 237	143 979	20 744	12 405
	1978	288 555	2 911	148 330	238 448	91 279	136 048	16 289	11 605
Irrigated land	farms, 1982	12	-	10	22	117	47	49	2
	1978	10	-	9	20	119	43	48	2
	acres, 1982	1 313	-	463	2 228	17 651	4 385	434	(D)
	1978	863	-	1 165	(D)	12 337	3 636	523	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1982	98 818	584	40 219	82 071	66 494	49 294	12 213	3 750
	1978	89 334	(D)	32 892	58 130	48 986	36 523	10 733	2 885
Average per farm	dollars, 1982	85 407	39 616	56 120	92 631	96 789	78 245	80 881	52 823
	1978	60 819	(D)	54 010	65 832	70 789	59 580	68 803	45 082
1982 sales by commodity or commodity group:									
Crops, including nursery and greenhouse products	farms	933	11	636	822	642	574	144	43
	$1,000	39 781	181	21 231	57 581	50 689	24 503	11 881	586
Grains	farms	874	9	616	801	329	517	74	29
	$1,000	30 644	(D)	18 690	42 047	10 442	15 859	2 566	310
Corn for grain	farms	824	-	403	669	284	450	45	17
	$1,000	14 138	-	7 207	19 759	8 286	10 889	1 324	213
Wheat	farms	332	1	312	463	89	371	26	15
	$1,000	1 848	(D)	1 451	3 166	516	1 855	160	75
Soybeans	farms	365	-	516	281	128	198	66	-
	$1,000	5 191	-	9 325	3 578	1 192	2 592	1 057	-
Sorghum for grain	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Oats	farms	505	4	311	256	36	185	12	11
	$1,000	2 489	(D)	1 180	912	41	449	24	(D)
Other grains	farms	427	7	81	587	21	20	-	3
	$1,000	8 877	(D)	526	14 632	407	74	-	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	268	3	111	85	99	209	13	24
	$1,000	2 066	(D)	638	(D)	455	(D)	(D)	(D)
Vegetables, sweet corn, and melons	farms	14	-	9	28	150	28	38	8
	$1,000	269	-	47	937	6 755	1 969	1 041	136
Fruits, nuts, and berries	farms	7	-	5	10	361	25	13	1
	$1,000	302	-	60	541	24 569	1 299	471	(D)
Nursery and greenhouse products	farms	11	-	7	2	24	25	67	1
	$1,000	1 111	-	266	(D)	8 399	2 999	7 733	(D)
Other crops	farms	103	2	18	292	8	4	2	-
	$1,000	5 389	(D)	530	13 581	68	(D)	(D)	-
Livestock, poultry, and their products	farms	746	12	340	351	262	420	19	57
	$1,000	59 035	413	18 987	24 490	15 805	24 791	332	3 164
Poultry and poultry products	farms	21	-	23	33	21	45	5	3
	$1,000	(D)	-	233	5 921	1 837	298	(D)	(D)
Dairy products	farms	533	2	152	136	58	121	2	35
	$1,000	47 577	(D)	13 007	11 883	(D)	(D)	(D)	2 066
Cattle and calves	farms	697	11	278	278	171	300	7	44
	$1,000	9 707	(D)	3 603	3 401	2 200	6 670	(D)	437
Hogs and pigs	farms	88	2	81	96	135	133	9	12
	$1,000	1 457	(D)	1 590	3 210	8 475	3 565	56	483
Sheep, lambs, and wool	farms	8	-	17	16	9	117	2	-
	$1,000	12	-	45	23	16	792	(D)	-
Other livestock and livestock products (see text)	farms	21	1	15	9	14	39	5	6
	$1,000	(D)	(D)	509	52	(D)	(D)	71	(D)
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		451	2	440	577	155	275	51	6
Field crops, except cash grains (013)		51	3	25	59	8	17	2	6
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)		51	3	25	59	8	17	2	6

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.								
Vegetables and melons (016)		958	-	-	40	4	-	8
Fruits and tree nuts (017)		1 856	-	1	102	6	41	-
Horticultural specialties (018)		684	-	-	31	1	4	-
General farms, primarily crop (019)		674	1	-	13	4	4	6
Livestock, except dairy, poultry, and animal specialties (021)		4 110	31	7	259	29	31	21
Beef cattle, except feedlots (0212)		924	25	6	47	18	16	3
Dairy farms (024)		6 284	24	21	250	56	22	54
Poultry and eggs (025)		280	1	-	43	1	5	2
Animal specialties (027)		339	1	-	12	-	12	-
General farms, primarily livestock (029)		381	1	-	14	4	2	2
FARMS BY SIZE								
1 to 9 acres	1982	547	-	-	41	-	4	-
	1978	461	-	1	21	-	6	-
10 to 49 acres	1982	1 712	-	-	108	5	13	6
	1978	1 427	-	-	93	1	9	1
50 to 69 acres	1982	981	4	-	55	1	8	8
	1978	801	1	-	65	1	7	1
70 to 99 acres	1982	2 573	11	-	115	7	6	9
	1978	2 160	3	1	125	9	12	18
100 to 139 acres	1982	3 358	4	5	135	12	20	24
	1978	3 037	3	2	136	16	9	25
140 to 179 acres	1982	3 159	6	1	108	22	9	21
	1978	3 120	3	3	114	13	13	21
180 to 219 acres	1982	2 680	7	5	75	12	12	18
	1978	2 633	2	1	76	14	13	26
220 to 259 acres	1982	2 181	8	3	53	11	11	21
	1978	2 328	9	4	58	13	12	21
260 to 499 acres	1982	6 613	22	6	180	46	23	66
	1978	7 238	29	14	198	47	20	78
500 to 999 acres	1982	3 546	8	11	75	25	18	23
	1978	3 292	14	5	56	16	21	30
1,000 to 1,999 acres	1982	908	4	-	14	2	11	14
	1978	733	2	-	12	3	9	8
2,000 acres or more	1982	174	-	-	3	-	1	2
	1978	111	-	-	1	-	1	1
TENURE OF OPERATOR								
Full owners—farms	1982	11 938	31	12	458	62	75	74
	1978	11 317	15	16	462	59	71	82
acres	1982	2 331 380	6 904	3 851	53 776	15 357	16 633	18 621
	1978	2 165 000	5 419	4 296	61 868	14 190	14 863	18 291
Part owners—farms	1982	14 490	38	19	455	74	53	122
	1978	14 112	48	15	449	70	55	131
acres	1982	5 930 973	15 289	7 824	155 207	26 633	28 124	53 446
	1978	5 549 814	18 906	5 928	131 027	(D)	29 130	56 688
Tenants—farms	1982	2 004	5	-	49	7	8	16
	1978	1 912	3	-	44	4	6	17
acres	1982	452 324	1 451	-	9 936	1 809	2 270	4 352
	1978	477 361	464	-	7 812	(D)	826	2 927
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	23 630	60	30	813	118	112	177
	1978	22 753	53	26	794	111	105	195
Not on farm operated	1982	2 806	4	1	93	14	15	19
	1978	2 497	4	2	85	8	15	19
Not reported	1982	1 996	10	-	56	11	9	16
	1978	2 091	9	3	76	14	12	16
Operators by principal occupation:								
Farming	1982	21 328	61	28	703	101	108	176
	1978	20 197	50	23	709	96	106	188
Other	1982	7 104	13	3	259	42	28	36
	1978	7 144	16	8	246	37	26	42
Operators by days of work off farm:								
None	1982	14 316	38	23	503	60	73	120
	1978	14 031	29	22	460	63	81	129
Any	1982	11 863	33	6	384	76	54	74
	1978	12 017	34	9	437	69	44	89
1 to 49 days	1982	2 185	9	1	59	19	11	13
	1978	2 394	9	1	68	21	15	19
50 to 99 days	1982	813	3	1	28	5	5	9
	1978	918	5	1	44	7	6	7
100 to 149 days	1982	916	2	1	26	7	8	7
	1978	857	5	2	35	6	4	4
150 to 199 days	1982	1 250	9	-	37	18	4	7
	1978	1 114	4	-	53	7	2	6
200 days or more	1982	6 699	10	3	234	27	26	38
	1978	6 734	11	5	237	28	17	53
Not reported	1982	2 253	3	2	75	7	9	18
	1978	1 293	3	-	58	1	7	12

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.								
Vegetables and melons (016)		-	12	43	-	78	2	7
Fruits and tree nuts (017)		-	2	1	45	334	2	2
Horticultural specialties (018)		1	2	8	1	24	8	9
General farms, primarily crop (019)		-	10	30	1	31	7	10
Livestock, except dairy, poultry, and animal specialties (021)		3	70	15	6	61	113	115
Beef cattle, except feedlots (0212)		3	26	-	-	1	14	17
Dairy farms (024)		11	140	31	4	34	83	105
Poultry and eggs (025)		-	6	1	-	4	-	7
Animal specialties (027)		-	7	6	-	10	-	2
General farms, primarily livestock (029)		-	4	-	-	3	15	12
FARMS BY SIZE								
1 to 9 acres	1982	-	11	7	-	7	6	7
	1978	-	-	6	1	8	5	7
10 to 49 acres	1982	-	21	49	2	158	15	21
	1978	1	16	25	7	141	11	13
50 to 69 acres	1982	-	13	35	7	64	8	21
	1978	-	8	32	5	77	11	5
70 to 99 acres	1982	2	43	97	8	101	68	44
	1978	1	25	97	9	130	47	33
100 to 139 acres	1982	-	56	104	3	94	87	62
	1978	3	44	105	5	86	75	60
140 to 179 acres	1982	1	47	79	7	74	93	82
	1978	1	53	91	6	90	70	73
180 to 219 acres	1982	1	32	51	8	47	48	60
	1978	-	41	58	11	52	50	44
220 to 259 acres	1982	1	44	43	3	45	43	51
	1978	1	44	43	3	46	50	44
260 to 499 acres	1982	7	105	113	10	103	148	172
	1978	4	108	121	12	112	167	155
500 to 999 acres	1982	3	72	58	9	49	97	92
	1978	6	61	57	9	47	86	92
1,000 to 1,999 acres	1982	1	9	16	1	15	21	22
	1978	-	6	10	1	12	20	18
2,000 acres or more	1982	-	2	1	-	-	4	5
	1978	-	1	1	-	-	5	3
TENURE OF OPERATOR								
Full owners—farms	1982	7	205	217	29	383	289	274
	1978	6	186	200	41	421	265	263
acres	1982	2 833	44 340	31 279	6 259	42 797	63 774	59 971
	1978	2 036	40 961	25 244	(D)	49 336	56 190	58 658
Part owners—farms	1982	9	233	365	26	328	304	309
	1978	11	201	375	26	338	294	245
acres	1982	4 058	90 530	118 453	9 123	99 602	134 526	146 246
	1978	5 258	77 005	117 029	9 573	90 701	131 004	118 864
Tenants—farms	1982	-	17	71	3	46	45	56
	1978	-	20	71	2	42	38	39
acres	1982	-	3 759	9 532	280	7 421	9 997	14 726
	1978	-	4 682	12 217	(D)	6 835	8 896	12 367
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	15	397	498	43	650	512	535
	1978	14	343	523	57	689	478	470
Not on farm operated	1982	-	30	89	9	72	56	64
	1978	1	32	63	7	59	58	43
Not reported	1982	1	28	66	6	35	70	40
	1978	2	32	60	5	53	61	34
Operators by principal occupation:								
Farming	1982	13	319	465	46	586	450	455
	1978	13	283	437	50	583	393	359
Other	1982	3	136	188	12	171	188	184
	1978	4	124	209	19	218	204	188
Operators by days of work off farm:								
None	1982	9	210	290	29	407	292	282
	1978	12	186	295	31	423	251	258
Any	1982	5	214	302	24	305	292	312
	1978	5	198	325	35	349	323	266
1 to 49 days	1982	1	36	48	5	68	47	52
	1978	2	38	56	6	71	63	42
50 to 99 days	1982	-	16	16	2	25	12	27
	1978	-	16	16	4	37	17	24
100 to 149 days	1982	1	13	33	3	28	26	25
	1978	-	2	25	4	26	19	14
150 to 199 days	1982	1	16	25	5	19	27	32
	1978	-	23	33	2	30	29	20
200 days or more	1982	2	133	180	9	165	180	176
	1978	3	119	195	19	185	195	166
Not reported	1982	2	31	61	5	45	54	45
	1978	-	23	26	3	29	23	23

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.								
Vegetables and melons (016)		22	2	-	1	2	5	-
Fruits and tree nuts (017)		20	4	-	1	-	6	-
Horticultural specialties (018)		2	1	2	-	1	5	-
General farms, primarily crop (019)		8	1	4	-	2	16	-
Livestock, except dairy, poultry, and animal specialties (021)		201	15	15	30	39	102	1
Beef cattle, except feedlots (0212)		9	8	13	17	17	10	1
Dairy farms (024)		40	31	21	57	53	189	-
Poultry and eggs (025)		3	3	-	1	-	2	-
Animal specialties (027)		6	1	2	3	5	1	-
General farms, primarily livestock (029)		9	-	1	1	-	13	-
FARMS BY SIZE								
1 to 9 acres	1982	7	-	-	1	3	-	-
	1978	10	2	2	-	2	-	2
10 to 49 acres	1982	16	6	1	2	3	23	-
	1978	31	2	-	-	2	19	-
50 to 69 acres	1982	22	3	1	-	2	16	1
	1978	21	2	2	-	2	8	-
70 to 99 acres	1982	47	1	2	3	9	84	-
	1978	35	3	-	1	6	50	-
100 to 139 acres	1982	57	2	5	5	6	115	-
	1978	58	3	3	4	6	90	-
140 to 179 acres	1982	54	-	3	8	18	133	1
	1978	55	3	5	3	5	124	-
180 to 219 acres	1982	59	4	6	9	6	90	-
	1978	48	4	-	9	10	94	-
220 to 259 acres	1982	44	8	1	5	12	62	-
	1978	49	7	7	9	14	60	-
260 to 499 acres	1982	126	28	15	52	30	188	-
	1978	142	32	15	63	39	197	-
500 to 999 acres	1982	77	10	16	39	26	73	-
	1978	70	8	13	36	19	70	-
1,000 to 1,999 acres	1982	17	4	3	5	4	16	-
	1978	15	2	3	1	7	13	-
2,000 acres or more	1982	2	-	-	-	3	5	-
	1978	1	-	1	-	1	1	-
TENURE OF OPERATOR								
Full owners—farms	1982	243	20	17	56	53	390	1
	1978	253	16	18	52	44	362	2
acres	1982	57 687	(D)	5 069	(D)	17 581	71 587	(D)
	1978	59 407	(D)	(D)	(D)	17 376	72 649	(D)
Part owners—farms	1982	250	44	36	72	61	357	1
	1978	238	47	31	73	59	306	-
acres	1982	106 470	18 020	18 100	40 407	29 957	139 599	(D)
	1978	91 881	20 299	15 816	35 638	26 847	115 798	-
Tenants—farms	1982	35	2	-	1	8	58	-
	1978	44	5	2	1	10	58	-
acres	1982	5 838	(D)	-	(D)	3 171	13 213	-
	1978	10 782	(D)	(D)	(D)	2 255	13 782	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	440	61	49	119	106	665	2
	1978	430	55	45	110	89	617	2
Not on farm operated	1982	63	3	2	8	6	84	-
	1978	53	5	3	9	7	59	-
Not reported	1982	25	2	2	2	10	56	-
	1978	52	8	3	7	17	50	-
Operators by principal occupation:								
Farming	1982	399	57	39	105	96	529	1
	1978	368	57	40	94	96	487	1
Other	1982	129	9	14	24	26	276	1
	1978	167	11	11	32	17	239	1
Operators by days of work off farm:								
None	1982	251	41	29	61	69	358	1
	1978	236	33	26	62	64	358	1
Any	1982	237	23	24	61	47	380	1
	1978	271	27	22	58	41	334	1
1 to 49 days	1982	48	5	3	18	9	45	-
	1978	69	7	3	15	10	43	-
50 to 99 days	1982	18	3	2	4	4	18	-
	1978	20	3	4	3	6	13	-
100 to 149 days	1982	16	2	2	6	3	25	-
	1978	14	1	1	2	6	14	1
150 to 199 days	1982	32	2	5	9	4	25	-
	1978	18	1	1	3	2	28	-
200 days or more	1982	123	11	12	24	27	267	1
	1978	150	15	13	35	17	236	-
Not reported	1982	40	2	-	7	6	67	-
	1978	28	8	3	6	8	34	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.								
Vegetables and melons (016)		1	-	11	2	7	1	-
Fruits and tree nuts (017)		4	1	5	1	18	-	-
Horticultural specialties (018)		1	4	7	6	10	1	-
General farms, primarily crop (019)		1	-	13	1	6	4	-
Livestock, except dairy, poultry, and animal specialties (021)		23	6	90	15	47	57	2
Beef cattle, except feedlots (0212)		16	4	25	11	6	16	2
Dairy farms (024)		58	28	106	27	41	38	9
Poultry and eggs (025)		-	-	4	-	1	-	-
Animal specialties (027)		12	2	7	1	12	2	3
General farms, primarily livestock (029)		-	-	10	-	4	4	-
FARMS BY SIZE								
1 to 9 acres	1982	4	2	6	3	5	3	-
	1978	2	-	2	4	6	1	-
10 to 49 acres	1982	5	-	23	2	25	8	2
	1978	5	-	14	3	12	-	1
50 to 69 acres	1982	4	-	19	-	17	3	-
	1978	2	-	14	-	10	2	-
70 to 99 acres	1982	3	1	63	1	31	13	1
	1978	-	-	33	2	18	7	1
100 to 139 acres	1982	7	1	88	5	64	16	1
	1978	5	1	67	3	44	6	1
140 to 179 acres	1982	16	1	73	6	41	23	1
	1978	8	-	61	3	38	18	1
180 to 219 acres	1982	16	5	86	6	38	12	5
	1978	11	5	69	5	30	14	2
220 to 259 acres	1982	9	5	40	6	26	12	2
	1978	8	5	67	1	25	7	2
260 to 499 acres	1982	33	27	149	24	90	40	2
	1978	45	25	166	33	95	51	5
500 to 999 acres	1982	28	10	89	6	33	23	-
	1978	31	10	85	7	37	17	-
1,000 to 1,999 acres	1982	5	2	25	2	17	3	1
	1978	8	3	12	2	15	2	1
2,000 acres or more	1982	1	-	2	1	7	-	-
	1978	1	-	1	1	4	-	-
TENURE OF OPERATOR								
Full owners—farms	1982	59	19	273	23	113	75	7
	1978	65	16	216	25	83	45	5
acres	1982	(D)	5 132	52 892	5 643	24 760	14 683	(D)
	1978	22 668	(D)	42 491	7 910	15 917	10 939	(D)
Part owners—farms	1982	71	31	338	32	246	77	8
	1978	58	32	335	35	219	74	9
acres	1982	31 621	15 365	140 367	15 310	95 727	28 177	2 842
	1978	32 945	14 527	125 831	15 829	88 487	28 245	3 254
Tenants—farms	1982	1	4	52	7	35	4	-
	1978	3	1	40	4	32	6	-
acres	1982	(D)	1 585	10 160	1 573	8 579	625	-
	1978	1 244	(D)	11 648	939	6 966	1 065	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1982	115	50	583	54	328	131	12
	1978	101	46	486	52	283	105	11
Not on farm operated	1982	8	3	43	5	46	16	2
	1978	10	1	43	7	33	7	1
Not reported	1982	8	1	37	3	20	9	1
	1978	15	2	62	5	18	13	2
Operators by principal occupation:								
Farming	1982	110	47	450	50	259	111	13
	1978	106	41	396	56	208	86	12
Other	1982	21	7	213	12	135	45	2
	1978	20	8	195	8	126	39	2
Operators by days of work off farm:								
None	1982	68	33	280	39	173	68	7
	1978	79	29	257	39	144	53	8
Any	1982	50	19	336	16	195	71	6
	1978	43	19	306	19	179	64	6
1 to 49 days	1982	11	8	55	3	23	18	1
	1978	12	4	42	4	19	10	2
50 to 99 days	1982	1	3	28	2	11	11	2
	1978	1	2	22	2	14	3	-
100 to 149 days	1982	6	-	23	3	6	5	1
	1978	5	-	27	3	11	7	1
150 to 199 days	1982	12	2	24	-	20	5	-
	1978	9	-	28	3	7	6	2
200 days or more	1982	20	6	206	8	135	32	2
	1978	16	13	187	7	128	38	1
Not reported	1982	13	2	47	7	26	17	2
	1978	4	1	28	6	11	8	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.								
Vegetables and melons (016)	4	13	3	-	-	9	14	1
Fruits and tree nuts (017)	131	2	4	-	1	7	22	1
Horticultural specialties (018)	4	4	2	1	1	10	5	1
General farms, primarily crop (019)	6	3	15	-	55	17	11	1
Livestock, except dairy, poultry, and animal specialties (021)	27	66	112	3	141	75	102	25
Beef cattle, except feedlots (0212)	11	7	17	3	19	14	18	13
Dairy farms (024)	22	138	127	32	301	126	179	28
Poultry and eggs (025)	1	9	6	2	32	2	2	-
Animal specialties (027)	7	5	5	-	3	10	2	-
General farms, primarily livestock (029)	-	3	17	-	42	8	20	-
FARMS BY SIZE								
1 to 9 acres 1982	4	17	10	-	36	8	7	-
1978	6	6	9	-	31	10	8	-
10 to 49 acres 1982	22	22	20	2	27	25	12	2
1978	28	19	17	3	24	19	22	1
50 to 69 acres 1982	22	22	24	-	21	16	25	2
1978	29	19	10	-	13	10	11	1
70 to 99 acres 1982	30	62	56	-	116	42	63	3
1978	39	50	47	1	107	32	30	3
100 to 139 acres 1982	26	95	97	3	137	59	74	6
1978	30	83	90	3	139	37	75	1
140 to 179 acres 1982	23	79	72	2	157	63	75	9
1978	23	94	71	6	165	57	90	9
180 to 219 acres 1982	21	63	65	3	129	34	73	9
1978	21	91	85	8	134	45	65	6
220 to 259 acres 1982	9	56	54	8	114	44	68	3
1978	17	72	61	3	116	46	78	4
260 to 499 acres 1982	34	213	166	21	313	109	149	26
1978	43	217	162	23	321	150	189	24
500 to 999 acres 1982	18	124	98	4	158	73	80	13
1978	18	99	85	10	120	60	70	17
1,000 to 1,999 acres 1982	9	33	27	1	51	20	16	1
1978	4	26	20	1	41	21	12	1
2,000 acres or more 1982	-	2	1	-	7	11	6	2
1978	-	-	-	-	3	9	4	2
TENURE OF OPERATOR								
Full owners—farms, 1982	134	291	283	17	543	199	314	28
1978	176	293	275	18	473	187	321	24
acres, 1982	23 335	59 768	60 801	(D)	111 913	44 959	63 051	(D)
1978	25 563	59 532	50 279	3 806	83 139	38 165	65 579	7 329
Part owners—farms, 1982	74	428	348	26	603	274	303	46
1978	76	426	327	40	619	279	304	45
acres, 1982	26 136	189 476	145 614	10 019	269 523	139 235	137 699	30 062
1978	25 015	165 809	132 110	15 918	244 331	129 795	125 955	30 495
Tenants—farms, 1982	10	69	59	1	120	31	31	2
1978	6	57	55	-	122	30	29	-
acres, 1982	3 113	15 225	16 792	(D)	28 843	6 138	6 748	(D)
1978	2 076	12 838	16 848	-	30 047	14 451	6 423	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1982	185	659	578	40	979	412	565	63
1978	202	645	554	55	970	415	564	58
Not on farm operated 1982	18	69	51	-	138	53	42	8
1978	41	68	51	1	122	39	39	5
Not reported 1982	15	60	61	4	149	39	41	5
1978	15	63	52	2	122	42	51	6
Operators by principal occupation:								
Farming 1982	174	613	482	35	1 128	365	471	58
1978	183	579	450	49	1 068	372	490	45
Other 1982	44	175	208	9	138	139	177	18
1978	75	197	207	9	146	124	164	24
Operators by days of work off farm:								
None 1982	115	399	278	28	753	244	335	36
1978	122	404	292	36	745	274	352	34
Any 1982	89	318	347	14	357	219	277	34
1978	123	328	325	20	399	200	254	33
1 to 49 days 1982	16	64	64	6	103	40	44	9
1978	29	68	55	5	106	51	41	5
50 to 99 days 1982	5	29	18	1	39	9	15	1
1978	5	35	24	4	34	13	12	2
100 to 149 days 1982	16	20	19	1	39	11	19	4
1978	13	19	17	1	54	8	11	2
150 to 199 days 1982	14	26	52	-	39	18	21	4
1978	13	27	35	3	51	14	19	9
200 days or more 1982	38	179	194	6	137	141	178	16
1978	63	179	194	7	154	114	171	15
Not reported 1982	14	71	65	2	156	41	36	6
1978	13	44	40	2	70	22	48	2

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)		-	4	11	7	-	35	-	2
Fruits and tree nuts (017)		-	3	4	32	-	127	-	-
Horticultural specialties (018)		-	-	7	65	-	42	-	-
General farms, primarily crop (019)		-	7	23	9	2	21	-	-
Livestock, except dairy, poultry, and animal specialties (021)		14	74	93	74	10	105	-	7
Beef cattle, except feedlots (0212)		11	18	16	15	4	28	-	2
Dairy farms (024)		8	166	84	42	10	186	-	13
Poultry and eggs (025)		1	2	-	11	-	1	-	1
Animal specialties (027)		-	1	4	8	2	12	-	1
General farms, primarily livestock (029)		2	9	10	4	-	10	-	1
FARMS BY SIZE									
1 to 9 acres	1982	-	2	4	38	-	26	-	-
	1978	-	3	5	40	2	30	-	-
10 to 49 acres	1982	-	9	20	51	1	68	-	1
	1978	1	9	10	41	-	79	-	1
50 to 69 acres	1982	-	7	6	9	-	43	-	2
	1978	-	4	6	18	-	28	-	2
70 to 99 acres	1982	-	45	38	28	1	63	-	2
	1978	-	13	22	28	-	60	-	-
100 to 139 acres	1982	1	56	79	49	-	88	-	3
	1978	-	45	39	40	3	67	-	1
140 to 179 acres	1982	2	54	63	41	4	81	-	-
	1978	2	56	48	39	-	74	-	1
180 to 219 acres	1982	4	63	49	36	1	68	-	5
	1978	2	44	35	32	5	62	-	1
220 to 259 acres	1982	-	38	34	29	6	61	-	3
	1978	1	63	37	27	1	53	-	6
260 to 499 acres	1982	11	148	114	85	12	133	-	10
	1978	11	151	125	107	13	159	-	6
500 to 999 acres	1982	9	66	60	54	6	62	-	4
	1978	6	76	65	66	4	59	-	4
1,000 to 1,999 acres	1982	6	17	23	20	-	20	-	-
	1978	2	9	20	15	1	19	-	-
2,000 acres or more	1982	-	-	9	8	-	3	-	-
	1978	-	-	8	3	-	1	-	-
TENURE OF OPERATOR									
Full owners—farms	1982	12	213	210	226	15	316	-	13
	1978	10	182	158	204	19	301	-	7
acres	1982	(D)	44 110	45 041	43 757	4 748	52 368	-	(D)
	1978	4 747	44 274	31 488	32 500	6 135	46 458	-	(D)
Part owners—farms	1982	19	269	262	200	16	366	-	16
	1978	15	264	243	223	10	352	-	14
acres	1982	12 779	109 566	130 803	95 341	6 010	120 832	-	6 243
	1978	7 307	101 994	138 128	98 166	3 967	120 652	-	4 304
Tenants—farms	1982	2	23	27	22	-	34	-	1
	1978	-	27	19	29	-	38	-	1
acres	1982	(D)	5 305	7 973	7 654	-	5 869	-	(D)
	1978	-	7 057	5 512	8 263	-	7 761	-	(D)
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	27	421	429	351	30	622	-	29
	1978	19	394	366	349	20	593	-	17
Not on farm operated	1982	3	33	43	66	1	55	-	1
	1978	3	31	28	66	1	57	-	3
Not reported	1982	3	51	27	31	-	39	-	-
	1978	3	48	26	41	8	41	-	2
Operators by principal occupation:									
Farming	1982	21	382	348	313	19	530	-	24
	1978	17	367	293	308	21	520	-	20
Other	1982	12	123	151	135	12	186	-	6
	1978	8	106	127	148	8	171	-	2
Operators by days of work off farm:									
None	1982	17	263	224	217	17	375	-	18
	1978	8	268	213	224	19	388	-	15
Any	1982	14	197	237	196	13	293	-	12
	1978	16	187	192	217	8	273	-	5
1 to 49 days	1982	2	26	50	25	4	43	-	4
	1978	3	34	38	33	-	45	-	1
50 to 99 days	1982	-	15	15	13	-	14	-	-
	1978	1	19	6	22	-	24	-	1
100 to 149 days	1982	-	16	20	14	-	23	-	3
	1978	2	6	15	10	1	24	-	-
150 to 199 days	1982	1	23	27	18	1	40	-	-
	1978	1	19	12	17	-	33	-	-
200 days or more	1982	11	117	125	126	8	173	-	5
	1978	9	109	121	135	7	147	-	3
Not reported	1982	2	45	38	35	1	48	-	-
	1978	1	18	15	15	2	30	-	2

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)		19	2	26	5	1	-	73	7
Fruits and tree nuts (017)		8	162	8	7	-	-	17	46
Horticultural specialties (018)		9	2	4	6	1	1	60	5
General farms, primarily crop (019)		19	3	15	18	-	-	8	4
Livestock, except dairy, poultry, and animal specialties (021)		85	23	119	61	8	8	16	7
Beef cattle, except feedlots (0212)		22	6	8	18	8	8	4	4
Dairy farms (024)		182	20	90	94	-	29	61	6
Poultry and eggs (025)		1	2	4	3	1	-	5	-
Animal specialties (027)		12	2	10	8	-	2	6	5
General farms, primarily livestock (029)		12	2	11	5	-	1	6	1
FARMS BY SIZE									
1 to 9 acres	1982	7	2	16	10	-	-	16	2
	1978	4	1	19	4	-	-	17	-
10 to 49 acres	1982	34	12	35	13	-	2	71	10
	1978	20	25	31	20	-	1	57	10
50 to 69 acres	1982	10	14	31	20	-	-	27	1
	1978	2	12	37	8	-	-	28	4
70 to 99 acres	1982	39	26	84	21	-	1	45	7
	1978	28	36	94	18	-	1	40	6
100 to 139 acres	1982	58	27	125	38	1	-	46	11
	1978	45	40	131	35	-	-	40	11
140 to 179 acres	1982	75	29	99	29	-	1	46	13
	1978	56	44	121	28	1	-	42	9
180 to 219 acres	1982	48	32	82	28	-	1	29	6
	1978	39	27	106	27	1	2	31	6
220 to 259 acres	1982	49	17	63	20	1	1	26	5
	1978	47	15	67	22	-	1	21	6
260 to 499 acres	1982	141	41	214	69	5	23	57	26
	1978	153	41	236	97	4	19	46	30
500 to 999 acres	1982	54	20	151	54	3	8	26	7
	1978	66	19	147	40	3	10	23	12
1,000 to 1,999 acres	1982	23	2	43	16	2	3	1	5
	1978	22	3	32	12	2	2	3	2
2,000 acres or more	1982	6	2	13	1	-	1	1	-
	1978	1	1	8	2	-	1	-	-
TENURE OF OPERATOR									
Full owners—farms	1982	204	139	318	126	4	18	143	48
	1978	171	181	356	114	1	18	144	50
acres	1982	39 197	25 634	62 371	28 330	2 076	(D)	13 169	12 213
	1978	31 842	30 245	56 550	27 338	(D)	(D)	14 301	11 583
Part owners—farms	1982	300	74	542	175	8	22	188	39
	1978	284	71	553	172	9	18	169	36
acres	1982	125 617	26 689	260 052	71 354	4 726	13 003	48 893	14 284
	1978	125 709	24 775	241 944	66 127	(D)	9 435	43 204	13 089
Tenants—farms	1982	40	11	96	18	-	1	60	6
	1978	28	12	120	27	1	1	35	10
acres	1982	12 192	2 277	19 070	6 072	-	(D)	10 937	1 003
	1978	10 409	2 064	27 280	7 730	(D)	(D)	5 657	1 947
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	467	173	784	267	12	38	299	76
	1978	417	202	852	259	9	30	276	71
Not on farm operated	1982	51	42	106	30	-	1	59	11
	1978	28	49	121	38	1	1	44	16
Not reported	1982	26	9	66	22	-	2	33	6
	1978	38	13	56	16	1	6	28	9
Operators by principal occupation:									
Farming	1982	412	169	682	237	10	38	325	80
	1978	385	183	705	220	8	37	271	77
Other	1982	132	55	274	82	2	3	66	13
	1978	98	81	324	93	3	-	77	19
Operators by days of work off farm:									
None	1982	295	103	409	168	3	29	219	54
	1978	262	120	433	170	7	28	212	53
Any	1982	207	116	465	123	8	8	125	34
	1978	201	138	556	122	4	8	113	42
1 to 49 days	1982	29	20	90	30	6	3	21	14
	1978	52	26	107	16	2	2	23	16
50 to 99 days	1982	17	10	22	3	-	-	7	2
	1978	12	6	30	4	-	3	6	3
100 to 149 days	1982	19	14	49	13	-	-	10	-
	1978	18	14	52	9	-	-	7	2
150 to 199 days	1982	23	16	43	8	-	2	13	7
	1978	16	22	38	11	-	3	4	7
200 days or more	1982	119	56	261	69	2	3	74	11
	1978	103	70	329	82	2	-	73	14
Not reported	1982	42	5	82	28	1	4	47	5
	1978	20	6	40	21	-	1	23	1

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Mason	Macosta	Manominee	Midland	Missaukee	Monroe	Montcalm
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)		-	24	8	-	-	-	58	4
Fruits and tree nuts (017)		-	40	3	1	1	-	7	9
Horticulturel specialties (018)		2	10	2	1	4	-	25	2
Generel farms, primarily crop (019)		1	14	8	1	5	2	9	11
Livestock, except dairy, poultry, and animal specialties (021)		4	25	37	33	26	22	74	55
Beef cattle, except feedlots (0212)		2	2	16	17	1	13	6	14
Dairy farms (024)		11	72	124	168	10	165	16	170
Poultry and eggs (025)		-	1	1	-	-	1	4	3
Animel spacialtias (027)		-	4	2	7	2	-	7	3
Ganaral farms, primarily livestock (029)		-	2	1	4	1	1	6	13
FARMS BY SIZE									
1 to 9 ecras	1982	1	4	1	-	2	4	14	8
	1978	2	1	-	-	-	-	14	4
10 to 49 acres	1982	1	15	6	3	9	6	50	23
	1978	1	13	1	4	6	2	42	14
50 to 69 acres	1982	-	6	4	1	5	5	38	13
	1978	-	7	1	-	1	2	29	3
70 to 99 acres	1982	2	16	16	6	20	6	98	20
	1978	-	12	6	2	19	8	103	15
100 to 139 acres	1982	2	19	15	7	28	16	107	60
	1978	-	22	10	11	32	12	122	42
140 to 179 acres	1982	-	20	24	19	20	18	76	63
	1978	-	26	12	16	33	20	70	56
180 to 219 ecres	1982	-	25	23	16	22	15	69	53
	1978	-	20	22	23	17	22	63	46
220 to 259 ecras	1982	-	23	28	17	15	20	63	57
	1978	4	24	21	16	16	17	55	48
260 to 499 acres	1982	9	50	87	84	41	78	148	139
	1978	12	56	85	84	56	87	176	153
500 to 999 acres	1982	3	28	41	64	31	36	67	96
	1978	4	28	42	64	20	30	51	87
1,000 to 1,999 acras	1982	3	7	6	10	12	6	26	25
	1978	3	3	4	11	10	3	24	16
2,000 acres or more	1982	-	-	1	-	2	-	4	3
	1978	-	-	-	-	2	1	1	3
TENURE OF OPERATOR									
Full owners—farms	1982	10	89	103	80	67	96	225	217
	1978	7	88	79	80	67	70	219	172
acres	1982	1 700	16 363	25 194	27 482	15 478	24 424	34 016	49 191
	1978	(D)	14 850	25 131	28 025	15 618	15 761	27 158	43 521
Part owners—farms	1982	11	115	132	143	132	108	434	311
	1978	17	113	115	148	131	130	418	283
acres	1982	8 536	44 909	56 873	71 088	56 094	47 855	159 918	141 258
	1978	9 738	44 956	48 114	72 391	51 118	60 335	140 772	122 740
Tanants—farms	1982	-	9	17	4	8	6	101	32
	1978	2	11	10	3	14	4	113	32
acres	1982	-	1 539	5 259	1 420	2 440	1 053	19 493	7 838
	1978	(D)	1 050	3 861	756	2 407	1 302	23 887	9 274
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	20	189	222	202	177	198	605	468
	1978	24	172	180	200	170	178	596	411
Not on farm opereted	1982	-	14	19	12	12	7	101	61
	1978	1	17	9	13	20	10	97	31
Not raported	1982	1	10	11	13	18	5	54	31
	1978	1	23	15	18	22	16	57	45
Operators by principal occupation:									
Farming	1982	18	178	196	201	128	199	526	458
	1978	19	167	158	194	135	191	454	382
Other	1982	3	35	56	26	79	11	234	102
	1978	7	45	46	37	77	13	296	105
Operators by days of work off farm:									
None	1982	15	118	141	147	77	140	331	324
	1978	17	106	103	151	87	124	315	280
Any	1982	4	78	99	60	111	56	369	191
	1978	9	94	90	70	111	65	408	187
1 to 49 days	1982	1	17	27	14	13	28	53	44
	1978	2	31	25	14	19	33	46	49
50 to 99 days	1982	2	7	5	12	11	4	20	9
	1978	1	13	3	7	4	7	25	19
100 to 149 days	1982	-	8	8	4	4	4	27	13
	1978	1	5	2	7	11	4	31	10
150 to 199 days	1982	-	10	9	11	14	3	40	19
	1978	2	5	8	8	2	4	31	14
200 days or more	1982	1	36	50	19	69	17	229	106
	1978	3	40	52	34	75	17	275	95
Not reported	1982	2	17	12	20	19	14	60	45
	1978	-	12	11	10	14	15	27	20

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)	1982	-	18	32	6	119	-	-	-
Fruits and tree nuts (017)	1982	1	31	20	9	94	1	-	1
Horticultural specialties (018)	1982	-	10	2	43	4	2	-	2
General farms, primarily crop (019)	1982	1	4	3	7	19	1	-	4
Livestock, except dairy, poultry, and animal specialties (021)	1982	3	40	49	19	48	30	9	40
Beef cattle, except feedlots (0212)	1982	3	5	17	7	13	11	8	24
Dairy farms (024)	1982	24	74	147	22	54	71	18	140
Poultry and eggs (025)	1982	-	-	10	2	3	-	-	2
Animal specialties (027)	1982	2	1	2	24	2	1	1	2
General farms, primarily livestock (029)	1982	1	3	-	-	4	2	-	-
FARMS BY SIZE									
1 to 9 acres	1982	-	7	4	21	3	1	-	4
	1978	1	5	2	21	3	3	-	3
10 to 49 acres	1982	-	20	24	39	28	1	-	5
	1978	1	21	19	37	31	2	-	2
50 to 69 acres	1982	-	12	13	2	13	2	-	1
	1978	-	9	6	7	13	-	-	1
70 to 99 acres	1982	2	20	35	13	40	5	-	3
	1978	-	14	24	8	53	5	1	4
100 to 139 acres	1982	-	21	43	13	54	9	-	10
	1978	-	21	34	10	59	4	-	5
140 to 179 acres	1982	2	18	39	13	35	11	2	22
	1978	1	11	38	15	34	8	2	18
180 to 219 acres	1982	9	19	37	15	36	8	1	25
	1978	7	19	33	9	43	10	2	18
220 to 259 acres	1982	4	9	27	8	28	13	3	28
	1978	2	18	33	10	24	8	-	27
260 to 499 acres	1982	11	49	84	34	80	35	19	58
	1978	13	38	84	37	71	45	21	68
500 to 999 acres	1982	8	22	32	12	39	30	7	48
	1978	6	20	20	21	33	26	9	39
1,000 to 1,999 acres	1982	2	3	5	6	7	4	2	6
	1978	2	2	5	7	7	6	1	6
2,000 acres or more	1982	-	3	1	2	3	-	1	-
	1978	-	4	1	1	1	-	1	-
TENURE OF OPERATOR									
Full owners—farms	1982	13	99	140	85	217	49	7	70
	1978	12	83	118	86	235	50	11	78
acres	1982	4 659	28 065	31 522	10 503	43 546	15 033	(D)	20 163
	1978	2 637	22 711	25 469	8 068	47 532	16 192	4 215	22 810
Part owners—farms	1982	25	98	184	75	130	66	27	134
	1978	21	93	169	69	125	67	26	108
acres	1982	11 191	36 598	57 812	25 474	48 922	30 212	13 683	54 062
	1978	12 059	42 095	50 669	27 241	41 254	33 856	14 506	48 523
Tenants—farms	1982	-	6	20	18	19	4	1	6
	1978	-	6	12	28	12	-	-	5
acres	1982	-	2 532	2 705	8 131	7 261	280	(D)	1 123
	1978	-	366	3 018	14 522	1 836	-	-	1 290
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	34	156	278	137	301	105	34	190
	1978	27	141	252	130	308	93	33	167
Not on farm operated	1982	1	33	41	35	45	4	-	5
	1978	2	25	32	38	41	10	1	9
Not reported	1982	3	14	25	6	20	10	1	15
	1978	4	16	15	15	23	14	3	15
Operators by principal occupation:									
Farming	1982	31	160	254	104	263	100	27	182
	1978	26	141	240	118	264	96	30	161
Other	1982	7	43	90	74	103	19	8	28
	1978	7	41	59	65	108	21	7	30
Operators by days of work off farm:									
None	1982	22	106	178	94	178	75	18	122
	1978	17	89	182	93	161	75	23	118
Any	1982	15	86	141	76	168	34	16	71
	1978	14	83	111	83	194	37	13	63
1 to 49 days	1982	8	18	25	10	31	9	7	22
	1978	3	21	25	7	37	9	5	18
50 to 99 days	1982	1	4	12	4	10	2	-	4
	1978	1	5	9	4	25	5	-	8
100 to 149 days	1982	-	6	6	5	13	-	1	6
	1978	4	7	5	5	9	2	2	5
150 to 199 days	1982	-	10	12	9	32	5	6	11
	1978	1	14	15	9	23	2	-	5
200 days or more	1982	6	48	86	48	82	18	2	28
	1978	5	36	57	58	100	19	6	27
Not reported	1982	1	11	25	8	20	10	1	17
	1978	2	10	6	7	17	5	1	10

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)		-	-	60	-	-	18	20	5
Fruits and tree nuts (017)		-	-	121	-	-	8	7	2
Horticultural specialties (018)		-	-	78	-	2	11	14	5
General farms, primarily crop (019)		-	1	10	5	-	17	15	7
Livestock, except dairy, poultry, and animal specialties (021)		8	15	196	19	1	41	48	136
Beef cattle, except feedlots (0212)		4	12	27	9	1	3	17	3
Dairy farms (024)		29	23	236	43	-	80	116	64
Poultry and eggs (025)		-	-	41	-	-	3	5	9
Animal specialties (027)		-	1	5	1	1	15	4	2
General farms, primarily livestock (029)		-	-	8	1	-	10	9	5
FARMS BY SIZE									
1 to 9 acres	1982	-	-	54	-	1	10	5	11
	1978	-	1	32	1	-	9	6	6
10 to 49 acres	1982	1	3	146	-	-	42	28	24
	1978	-	-	124	-	-	24	20	23
50 to 69 acres	1982	2	-	59	-	-	34	12	16
	1978	1	-	61	-	-	31	6	9
70 to 99 acres	1982	2	1	141	3	-	128	35	50
	1978	-	1	90	4	-	84	26	47
100 to 139 acres	1982	4	3	98	4	2	145	69	57
	1978	2	1	95	5	-	147	55	60
140 to 179 acres	1982	7	6	74	9	-	124	60	89
	1978	6	4	86	8	1	137	65	64
180 to 219 acres	1982	5	8	67	10	-	91	67	57
	1978	5	8	65	7	-	111	43	53
220 to 259 acres	1982	-	3	52	5	-	68	44	44
	1978	3	6	52	6	-	78	59	46
260 to 499 acres	1982	14	17	106	48	3	197	144	128
	1978	12	15	125	59	2	219	141	150
500 to 999 acres	1982	5	10	48	28	-	101	50	91
	1978	4	10	32	23	2	100	47	89
1,000 to 1,999 acres	1982	1	2	7	5	-	36	11	20
	1978	-	1	8	4	-	30	10	13
2,000 acres or more	1982	-	2	3	2	-	4	4	5
	1978	-	1	2	1	-	4	2	4
TENURE OF OPERATOR									
Full owners — farms	1982	18	29	434	29	4	386	153	260
	1978	14	20	375	42	2	374	137	268
— acres	1982	(D)	7 132	46 741	9 825	(D)	68 192	27 910	58 210
	1978	3 656	5 167	46 886	11 423	(D)	70 578	23 922	58 251
Part owners — farms	1982	22	22	370	78	2	507	324	288
	1978	19	28	352	69	3	529	300	257
— acres	1982	7 364	14 072	99 252	41 649	(D)	199 105	113 160	125 867
	1978	6 040	15 011	93 793	35 551	(D)	195 755	107 120	116 708
Tenants — farms	1982	1	4	49	7	-	87	52	44
	1978	-	-	45	7	-	71	43	39
— acres	1982	(D)	4 230	6 340	1 333	-	18 186	11 788	10 280
	1978	-	-	5 965	1 584	-	14 375	10 690	8 738
OPERATOR CHARACTERISTICS									
Operators by place of residance:									
On farm operated	1982	39	46	692	92	4	817	421	487
	1978	31	42	649	105	5	810	410	459
Not on farm operated	1982	-	3	97	9	-	108	74	58
	1978	1	2	70	5	-	82	41	58
Not reported	1982	2	6	64	13	2	55	34	47
	1978	1	4	53	8	-	82	29	47
Operators by principal occupation:									
Farming	1982	39	44	631	101	6	680	399	419
	1978	30	37	602	98	4	676	364	408
Other	1982	2	11	222	13	-	300	130	173
	1978	3	11	170	20	1	298	116	156
Operators by days of work off farm:									
None	1982	16	29	461	53	3	465	262	271
	1978	18	23	446	71	2	486	263	255
Any	1982	16	20	331	46	1	446	226	286
	1978	13	22	286	42	3	450	198	278
1 to 49 days	1982	10	3	40	13	-	71	37	67
	1978	8	4	52	6	-	77	38	71
50 to 99 days	1982	1	-	22	5	1	29	12	19
	1978	-	-	20	7	1	33	17	13
100 to 149 days	1982	3	2	28	5	-	20	19	10
	1978	1	2	19	1	-	29	10	17
150 to 199 days	1982	1	3	31	6	-	32	20	39
	1978	1	3	29	4	1	36	24	33
200 days or more	1982	1	12	210	17	-	294	138	151
	1978	3	13	166	24	1	275	109	144
Not reported	1982	9	6	61	15	2	69	41	35
	1978	2	3	40	5	-	38	19	31

See footnotes at and of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
1982 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION—Con.									
Vegetables and melons (016)		3	-	2	8	49	14	22	4
Fruits and tree nuts (017)		5	-	3	7	287	14	5	1
Horticultural specialties (018)		11	-	4	1	13	19	57	1
General farms, primarily crop (019)		28	1	4	22	32	25	5	1
Livestock, except dairy, poultry, and animal specialties (021)		96	8	67	70	86	131	2	13
Beef cattle, except feedlots (0212)		20	8	14	11	10	15	-	6
Dairy farms (024)		494	1	132	118	48	104	2	31
Poultry and eggs (025)		2	-	3	12	4	3	1	-
Animal specialties (027)		3	-	5	2	2	16	4	6
General farms, primarily livestock (029)		13	-	7	10	3	12	-	2
FARMS BY SIZE									
1 to 9 acres	1982	5	-	6	8	11	11	27	2
	1978	6	-	4	8	6	7	31	2
10 to 49 acres	1982	33	-	22	27	104	37	38	4
	1978	19	-	9	19	87	21	40	-
50 to 69 acres	1982	11	1	13	23	51	17	6	7
	1978	6	-	5	15	49	9	9	3
70 to 99 acres	1982	87	-	65	90	89	45	10	3
	1978	51	-	34	68	102	37	20	1
100 to 139 acres	1982	107	-	90	103	99	86	26	4
	1978	106	1	56	109	117	74	9	1
140 to 179 acres	1982	144	3	76	83	72	72	6	7
	1978	131	2	85	107	64	75	8	6
180 to 219 acres	1982	129	-	88	90	62	59	4	3
	1978	137	-	63	95	57	61	5	5
220 to 259 acres	1982	124	-	56	54	47	52	5	6
	1978	133	-	52	68	54	59	9	7
260 to 499 acres	1982	333	5	172	230	93	150	16	26
	1978	354	8	207	233	105	175	19	28
500 to 999 acres	1982	152	4	90	133	50	82	10	8
	1978	157	2	80	126	43	80	5	10
1,000 to 1,999 acres	1982	44	2	12	38	5	18	3	1
	1978	37	3	12	27	6	15	1	1
2,000 acres or more	1982	8	-	2	7	4	1	-	-
	1978	3	-	2	8	2	-	-	-
TENURE OF OPERATOR									
Full owners—farms	1982	463	2	268	297	410	233	75	31
	1978	437	6	230	272	401	209	81	22
acres	1982	107 065	(D)	51 329	57 294	56 340	41 496	6 054	(D)
	1978	96 579	(D)	51 203	46 791	56 682	39 059	3 445	4 899
Part owners—farms	1982	619	13	374	509	247	343	55	35
	1978	629	9	331	535	265	339	52	39
acres	1982	272 336	(D)	139 469	228 866	95 588	128 803	13 635	14 667
	1978	262 800	5 514	130 299	225 427	74 200	125 245	11 564	18 656
Tenants—farms	1982	75	-	50	80	30	54	21	5
	1978	74	1	48	76	26	65	23	3
acres	1982	16 078	-	10 949	18 260	3 975	14 958	5 416	(D)
	1978	16 457	(D)	13 555	18 879	17 075	20 389	5 846	961
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1982	949	13	594	729	555	531	102	62
	1978	1 010	12	516	756	571	507	102	59
Not on farm operated	1982	100	1	54	85	88	62	34	7
	1978	74	1	47	75	89	64	42	3
Not reported	1982	108	1	44	72	44	37	15	2
	1978	56	3	46	52	32	42	12	2
Operators by principal occupation:									
Farming	1982	998	13	480	702	485	455	101	57
	1978	961	12	424	690	501	452	101	55
Other	1982	159	2	212	184	202	175	50	14
	1978	179	4	185	193	191	161	55	9
Operators by days of work off farm:									
None	1982	704	7	332	471	308	307	81	47
	1978	679	8	301	472	333	316	69	40
Any	1982	342	7	310	324	321	282	58	22
	1978	400	7	280	383	322	273	69	22
1 to 49 days	1982	84	1	35	62	49	41	5	11
	1978	103	1	40	101	71	55	9	5
50 to 99 days	1982	26	-	23	22	29	18	5	3
	1978	45	1	11	33	31	16	6	5
100 to 149 days	1982	33	1	22	26	23	25	5	1
	1978	37	2	21	31	17	25	8	3
150 to 199 days	1982	35	1	43	39	39	31	3	-
	1978	60	-	21	21	32	26	4	5
200 days or more	1982	164	4	187	175	181	167	40	7
	1978	155	3	187	197	171	151	42	4
Not reported	1982	111	1	50	91	58	41	12	2
	1978	61	1	28	28	37	24	18	2

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less		1 034	2	1	37	9	7	9
3 or 4 years		1 740	10	6	54	14	19	14
5 to 9 years		3 842	9	4	138	19	18	23
10 years or more		17 195	42	18	598	82	71	127
Average years on present farm		20.4	17.7	18.5	19.4	17.7	17.9	20.7
Not reported		4 621	11	2	135	19	21	39
1982 operators by age group:								
Under 25 years		943	3	1	30	7	2	7
25 to 34 years		4 201	13	5	159	23	21	27
35 to 44 years		6 098	17	8	201	31	31	49
45 to 54 years		6 765	12	2	242	38	36	52
55 to 64 years		7 056	18	9	214	28	27	56
65 years and over		3 369	11	6	116	16	19	21
Average age		48.5	47.7	50.1	48.2	46.5	48.9	48.5
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	23 563	63	25	787	129	105	185
	1978	22 886	58	27	794	117	103	185
	acres, 1982	6 412 134	19 439	(D)	154 636	38 061	26 940	56 776
	1978	6 192 008	22 238	8 592	144 829	35 723	27 082	56 483
Partnership	farms, 1982	3 983	11	6	143	13	25	25
	1978	3 792	7	2	131	13	22	41
	acres, 1982	1 765 873	4 205	(D)	53 165	(D)	15 447	(D)
	1978	1 619 583	(D)	(D)	47 941	4 310	15 220	20 827
Corporation:								
Family held	farms, 1982	745	-	-	27	1	5	2
	1978	533	1	1	27	3	6	3
	acres, 1982	466 455	-	-	(D)	(D)	(D)	(D)
	1978	315 115	(D)	(D)	(D)	265	(D)	(D)
Other than family held	farms, 1982	74	-	-	3	-	-	-
	1978	82	-	-	2	-	1	-
	acres, 1982	33 848	-	-	(D)	-	-	-
	1978	47 795	-	-	(D)	-	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	67	-	-	2	-	1	-
	1978	48	-	1	1	-	-	1
	acres, 1982	36 367	-	-	(D)	-	(D)	-
	1978	17 674	-	(D)	(D)	-	-	(D)
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	8 438	33	14	421	50	60	65
	$1,000	160 392	834	54	11 254	324	1 098	533
Feed for livestock and poultry	farms	13 989	54	27	579	74	80	79
	$1,000	241 267	564	309	19 829	1 246	1 121	994
Commercially mixed formula feeds	farms	9 672	31	22	416	56	56	57
	tons	834 463	2 435	1 403	82 922	4 383	4 745	4 315
	$1,000	149 121	438	249	14 195	745	903	672
Seeds, bulbs, plants, and trees	farms	25 256	43	20	811	114	92	191
	$1,000	98 424	69	25	3 001	254	301	673
Commercial fertilizer	farms	25 312	43	21	852	137	97	188
	$1,000	228 331	225	41	7 405	483	902	1 927
Other agricultural chemicals[2]	farms	24 105	14	16	838	102	98	167
	$1,000	108 087	21	12	3 381	139	555	880
Hired farm labor	farms	14 848	52	22	553	88	97	109
	$1,000	179 495	228	95	10 028	541	1 011	824
Workers working 150 days or more	farms	6 586	14	8	253	37	36	48
	number	19 029	28	14	980	(D)	(D)	103
Contract labor	farms	1 526	-	2	48	-	10	38
	$1,000	13 525	-	(D)	780	-	119	132
Customwork, machine hire, and rental of machinery and equipment	farms	12 199	19	9	404	74	51	94
	$1,000	26 120	9	8	1 027	81	129	154
Energy and petroleum products	farms	28 396	62	31	955	143	136	212
	$1,000	207 035	335	137	8 371	796	922	1 387
Petroleum products	farms	28 396	62	31	955	143	136	212
	$1,000	164 930	262	89	6 207	605	654	1 112
Interest expense:								
Expenses reported	farms	18 666	41	16	636	108	102	114
	$1,000	255 570	542	97	9 808	840	1 117	1 757
Expenses reported as "No"	farms	8 514	21	15	257	25	23	95
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1982	28 399	62	31	962	143	136	212
	1978	27 338	55	31	954	102	140	239
	$1,000, 1982	2 180 792	4 524	1 447	68 833	8 290	9 334	19 809
	1978	1 573 700	1 797	1 377	44 769	4 627	8 085	15 420
Average per farm	dollars, 1982	76 791	72 972	46 686	71 552	57 970	68 630	93 437
	1978	57 565	32 668	44 412	46 928	45 358	57 753	64 520
Motortrucks, including pickups	farms, 1982	26 381	56	30	893	132	135	206
	1978	25 176	55	30	909	90	108	211
	number, 1982	51 686	83	48	1 814	204	239	444
	1978	47 219	62	43	1 532	116	221	388
Wheel tractors	farms, 1982	26 943	62	31	906	134	113	190
	1978	26 281	55	31	906	94	134	223
	number, 1982	95 709	167	107	3 250	377	370	711
	1978	89 529	150	108	2 960	291	428	713
Grain and bean combines, self-propelled only	farms, 1982	14 379	19	7	319	61	24	130
	1978	12 687	3	5	243	43	31	140
	number, 1982	15 849	19	7	342	62	26	158
	1978	13 609	3	6	248	44	35	151

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Barnen	Branch	Calhoun
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less	farms, 1982	1	21	26	–	18	23	23
3 or 4 years	farms, 1982	–	33	26	2	42	38	40
5 to 9 years	farms, 1982	4	67	81	7	83	88	95
10 years or more	farms, 1982	8	274	385	36	511	369	393
Average years on present farm	farms, 1982	17.4	18.9	20.9	23.8	22.9	19.8	20.0
Not reported	farms, 1982	3	60	135	13	103	120	88
1982 operators by age group:								
Under 25 years	farms, 1982	–	11	31	–	19	30	24
25 to 34 years	farms, 1982	2	65	99	8	69	93	86
35 to 44 years	farms, 1982	6	110	142	7	137	151	143
45 to 54 years	farms, 1982	4	121	142	16	161	131	165
55 to 64 years	farms, 1982	2	94	174	22	236	149	141
65 years and over	farms, 1982	2	54	65	5	135	84	80
Average age	farms, 1982	47.1	48.3	47.6	51.2	52.1	48.2	48.5
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	14	394	557	43	642	540	541
	farms, 1978	15	343	561	54	671	516	474
	acres, 1982	(D)	109 449	123 303	10 627	116 862	160 602	173 862
	acres, 1978	(D)	93 495	121 353	11 347	109 491	157 673	152 818
Partnership	farms, 1982	1	52	84	13	92	91	78
	farms, 1978	2	56	80	13	109	74	62
	acres, 1982	(D)	26 673	29 798	(D)	25 094	43 585	34 609
	acres, 1978	(D)	(D)	31 310	(D)	31 460	35 485	31 832
Corporation:								
Family held	farms, 1982	1	8	11	2	20	4	14
	farms, 1978	–	5	4	2	15	3	9
	acres, 1982	(D)	(D)	(D)	(D)	(D)	3 300	10 947
	acres, 1978	–	1 145	(D)	(D)	(D)	1 416	(D)
Other than family held	farms, 1982	–	–	–	–	1	1	2
	farms, 1978	–	3	–	–	3	2	1
	acres, 1982	–	–	–	–	(D)	(D)	(D)
	acres, 1978	–	(D)	–	–	216	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	–	1	1	–	2	2	4
	farms, 1978	–	–	1	–	3	2	1
	acres, 1982	–	(D)	(D)	–	(D)	(D)	(D)
	acres, 1978	–	–	(D)	–	(D)	(D)	(D)
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	6	172	64	9	107	210	194
	$1,000	(D)	1 690	132	188	1 659	6 189	3 916
Feed for livestock and poultry	farms	14	280	118	21	204	336	341
	$1,000	125	4 658	425	213	2 661	4 389	5 283
Commercially mixed formula feeds	farms	11	212	66	8	111	201	218
	tons	335	14 175	780	(D)	9 689	7 657	19 093
	$1,000	57	2 711	193	(D)	1 668	1 698	3 825
Seeds, bulbs, plants, and trees	farms	11	401	626	31	570	622	617
	$1,000	11	1 111	2 827	55	2 245	1 877	2 307
Commercial fertilizer	farms	14	388	628	53	664	534	588
	$1,000	23	2 971	7 829	218	4 057	4 994	5 722
Other agricultural chemicals[2]	farms	9	368	566	58	649	522	592
	$1,000	4	1 265	2 744	351	5 104	2 138	2 531
Hired farm labor	farms	11	182	375	36	514	277	346
	$1,000	65	1 721	2 490	470	11 776	1 855	3 752
Workers working 150 days or more	farms	5	78	75	25	265	87	154
	number	(D)	202	242	42	1 034	198	392
Contract labor	farms	–	12	57	19	92	27	7
	$1,000	–	(D)	376	167	965	51	40
Customwork, machine hire, and rental of machinery and equipment	farms	4	193	218	24	450	266	275
	$1,000	5	322	417	45	1 442	506	501
Energy and petroleum products	farms	16	455	653	58	757	631	639
	$1,000	61	3 269	4 260	275	4 811	4 019	5 046
Petroleum products	farms	16	455	653	58	757	631	639
	$1,000	46	2 612	3 759	233	3 962	3 289	4 120
Interest expense:								
Expenses reported	farms	9	316	470	45	464	430	388
	$1,000	34	3 708	5 249	277	4 386	5 866	5 389
Expenses reported as "No"	farms	7	128	178	11	275	176	208
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1982	16	455	653	58	757	638	639
	farms, 1978	17	395	672	65	802	591	532
	$1,000, 1982	691	28 059	62 512	3 857	51 015	45 447	49 406
	$1,000, 1978	777	19 472	41 658	3 233	37 757	33 755	28 260
Average per farm	dollars, 1982	43 201	61 668	95 730	66 502	67 392	71 234	77 318
	dollars, 1978	45 696	49 296	61 991	49 733	47 079	57 115	53 120
Motortrucks, including pickups	farms, 1982	16	419	601	58	744	551	617
	farms, 1978	15	374	615	56	782	574	480
	number, 1982	28	711	1 483	130	1 701	853	1 147
	number, 1978	24	622	1 337	102	1 771	931	837
Wheel tractors	farms, 1982	16	439	623	58	698	567	613
	farms, 1978	16	388	647	63	792	574	503
	number, 1982	48	1 395	2 251	210	2 844	1 932	2 168
	number, 1978	55	1 337	2 255	185	3 215	1 871	1 691
Grain and bean combines, self-propelled only	farms, 1982	7	173	438	3	225	360	417
	farms, 1978	7	164	413	3	223	296	257
	number, 1982	8	181	485	(D)	245	407	428
	number, 1978	7	185	441	(D)	239	316	273

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less		24	1	3	5	5	36	-
3 or 4 years		36	4	2	5	11	38	-
5 to 9 years		71	16	2	24	19	85	-
10 years or more		325	36	42	79	69	487	1
Average years on present farm		20.2	16.8	22.0	17.3	20.2	21.2	(D)
Not reported		72	9	4	16	18	159	1
1982 operators by age group:								
Under 25 years		9	3	-	2	4	31	-
25 to 34 years		104	7	3	16	14	126	-
35 to 44 years		99	16	18	41	32	168	-
45 to 54 years		105	21	12	39	32	215	1
55 to 64 years		133	12	13	21	27	187	-
65 years and over		78	7	7	10	13	78	1
Average age		48.8	47.5	50.2	46.6	48.1	47.8	(D)
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	435	52	37	110	90	682	2
	1978	444	52	43	109	93	612	2
	acres, 1982	121 639	18 386	13 491	47 126	29 980	169 919	(D)
	1978	119 968	16 620	17 440	44 157	31 356	152 196	(D)
Partnership	farms, 1982	71	11	10	16	22	111	-
	1978	72	15	6	14	13	103	-
	acres, 1982	37 653	5 134	(D)	(D)	12 469	44 561	-
	1978	30 355	(D)	(D)	(D)	6 258	(D)	-
Corporation:								
Family held	farms, 1982	17	3	6	1	10	12	-
	1978	11	1	2	1	6	10	-
	acres, 1982	9 839	1 608	(D)	(D)	8 260	9 919	-
	1978	7 958	(D)	(D)	(D)	(D)	(D)	-
Other than family held	farms, 1982	2	-	-	2	-	-	-
	1978	5	-	-	2	1	1	-
	acres, 1982	(D)	-	-	(D)	-	-	-
	1978	(D)	-	-	(D)	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	3	-	-	-	-	-	-
	1978	3	-	-	-	-	-	-
	acres, 1982	(D)	-	-	-	-	-	-
	1978	(D)	-	-	-	-	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	228	30	25	42	57	235	-
	$1,000	2 282	250	259	366	840	2 572	-
Feed for livestock and poultry	farms	347	36	33	100	92	407	-
	$1,000	11 750	477	620	1 480	1 180	5 862	-
Commercially mixed formula feeds	farms	174	25	21	82	80	252	-
	tons	25 289	2 107	2 473	7 729	3 652	17 907	-
	$1,000	4 079	333	455	1 006	670	2 978	-
Seeds, bulbs, plants, and trees	farms	490	52	30	62	98	784	1
	$1,000	1 619	111	53	46	241	2 324	(D)
Commercial fertilizer	farms	485	59	34	73	93	740	1
	$1,000	3 976	353	147	301	680	5 717	(D)
Other agricultural chemicals[2]	farms	487	45	17	16	77	740	1
	$1,000	2 018	138	19	20	179	2 625	(D)
Hired farm labor	farms	296	44	22	92	51	355	1
	$1,000	2 521	192	282	526	543	2 621	(D)
Workers working 150 days or more	farms	114	21	14	37	27	138	-
	number	266	42	29	91	67	347	-
Contract labor	farms	15	5	6	8	1	63	-
	$1,000	303	1	15	11	(D)	345	-
Customwork, machine hire, and rental of machinery and equipment	farms	273	31	6	15	52	459	-
	$1,000	587	54	(D)	21	69	990	-
Energy and petroleum products	farms	528	66	35	130	122	807	2
	$1,000	3 548	440	274	712	822	5 120	(D)
Petroleum products	farms	528	66	35	130	122	807	2
	$1,000	2 939	326	220	567	600	4 066	(D)
Interest expense:								
Expenses reported	farms	347	52	23	81	76	509	1
	$1,000	5 708	640	311	716	1 070	6 099	(D)
Expenses reported as "No"	farms	179	12	12	49	31	252	1
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1982	528	66	35	130	122	807	2
	1978	511	86	51	154	76	754	2
	$1,000, 1982	36 947	4 953	2 394	7 357	9 361	54 419	(D)
	1978	28 595	3 336	2 811	4 679	4 144	42 770	(D)
Average per farm	dollars, 1982	69 975	75 040	68 399	56 592	76 731	67 434	(D)
	1978	55 959	38 795	55 120	30 382	54 520	56 725	(D)
Motortrucks, including pickups	farms, 1982	504	65	35	127	110	766	1
	1978	471	80	49	127	76	676	2
	number, 1982	1 005	119	70	205	177	1 192	(D)
	1978	911	108	77	180	111	871	(D)
Wheel tractors	farms, 1982	501	64	34	114	117	734	2
	1978	483	81	50	144	76	722	-
	number, 1982	1 693	243	119	420	368	2 515	(D)
	1978	1 516	222	155	372	220	2 181	-
Grain and bean combines, self-propelled only	farms 1982	229	4	18	76	56	455	1
	1978	229	10	18	64	22	391	-
	number, 1982	268	4	18	84	56	484	(D)
	1978	246	11	22	70	22	405	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less	farms, 1982	4	-	29	1	4	13	-
3 or 4 years	farms, 1982	9	4	35	2	29	12	1
5 to 9 years	farms, 1982	25	9	106	9	69	18	2
10 years or more	farms, 1982	80	31	377	37	232	90	11
Average years on present farm	farms, 1982	19.2	22.6	21.0	22.8	20.3	20.4	19.9
Not reported	farms, 1982	13	10	116	13	60	23	1
1982 operators by age group:								
Under 25 years	farms, 1982	-	1	27	1	8	5	-
25 to 34 years	farms, 1982	18	5	115	13	60	28	2
35 to 44 years	farms, 1982	20	15	130	12	86	33	2
45 to 54 years	farms, 1982	36	9	154	8	92	30	2
55 to 64 years	farms, 1982	44	18	137	18	100	37	7
65 years and over	farms, 1982	13	6	100	10	48	23	2
Average age	farms, 1982	50.9	49.7	48.4	49.5	48.7	48.3	51.3
TYPE OF ORGANIZATION								
Individual or family	farms, 1982	110	47	578	47	321	138	11
	farms, 1978	113	43	512	50	273	110	11
	acres, 1982	37 487	(D)	168 921	14 216	90 712	35 011	3 524
	acres, 1978	51 754	16 404	152 575	16 813	81 850	33 196	3 719
Partnership	farms, 1982	17	7	72	10	60	17	3
	farms, 1978	13	6	74	12	56	14	3
	acres, 1982	10 503	(D)	27 106	(D)	28 358	(D)	(D)
	acres, 1978	5 103	5 008	25 580	(D)	(D)	(D)	(D)
Corporation:								
Family held	ferms, 1982	4	-	11	5	9	1	-
	ferms, 1978	-	-	3	2	5	1	-
	acres, 1982	1 770	-	(D)	(D)	(D)	(D)	-
	acres, 1978	-	-	(D)	(D)	(D)	(D)	-
Other than family held	ferms, 1982	-	-	1	-	1	-	1
	ferms, 1978	-	-	2	-	-	-	-
	acres, 1982	-	-	(D)	-	(D)	-	(D)
	acres, 1978	-	-	(D)	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	-	1	-	3	-	-
	farms, 1978	-	-	-	-	-	-	-
	acres, 1982	-	-	(D)	-	657	-	-
	acres, 1978	-	-	-	-	-	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	43	23	113	2	92	72	5
	$1,000	167	86	1 690	(D)	3 894	566	66
Feed for livestock and poultry	farms	105	40	235	51	142	84	14
	$1,000	1 197	506	2 541	362	1 938	802	311
Commercially mixed formula feeds	farms	58	31	170	19	83	29	11
	tons	3 692	1 339	9 222	803	4 891	1 846	668
	$1,000	481	275	1 475	219	1 171	428	108
Seeds, bulbs, plants, and trees	farms	120	50	641	61	357	146	11
	$1,000	210	128	2 363	93	1 580	253	4
Commercial fertilizer	farms	113	48	625	43	366	132	11
	$1,000	417	295	5 143	222	3 821	732	13
Other agricultural chemicals[2]	farms	93	35	580	55	367	128	4
	$1,000	165	150	1 979	84	1 573	197	1
Hired farm labor	farms	97	41	294	40	184	70	6
	$1,000	411	409	1 642	210	1 775	378	(D)
Workers working 150 days or more	farms	36	30	115	13	103	20	4
	number	73	77	238	20	257	44	(D)
Contract labor	farms	2	6	18	2	14	3	1
	$1,000	(D)	15	32	(D)	89	12	(D)
Customwork, machine hire, and rental of machinery and equipment	farms	30	14	254	23	116	45	8
	$1,000	60	31	393	81	131	104	1
Energy and petroleum products	farms	131	54	663	68	394	156	15
	$1,000	714	359	3 973	352	3 125	787	48
Petroleum products	farms	131	54	663	68	394	156	15
	$1,000	506	294	3 385	244	2 644	658	36
Interest expense:								
Expenses reported	farms	80	40	440	33	251	80	8
	$1,000	565	231	4 784	268	4 007	905	53
Expenses reported as "No"	farms	51	12	214	28	130	65	7
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1982	131	54	663	68	394	156	15
	farms, 1978	144	49	638	65	347	124	14
	$1,000, 1982	9 234	5 051	46 158	3 470	34 962	7 246	670
	$1,000, 1978	6 098	4 770	29 390	2 780	22 345	6 312	349
Average per farm	dollars, 1982	70 487	93 542	69 620	51 030	88 736	46 449	44 663
	dollars, 1978	42 344	97 339	46 066	42 762	64 396	50 903	24 951
Motortrucks, including pickups	farms, 1982	129	53	621	68	388	154	11
	farms, 1978	116	48	595	59	324	105	11
	number, 1982	224	150	1 105	130	839	233	14
	number, 1978	170	127	1 025	116	670	155	14
Wheel tractors	farms, 1982	123	54	640	68	386	142	15
	farms, 1978	125	49	593	64	337	124	12
	number, 1982	436	195	1 983	215	1 447	469	43
	number, 1978	409	178	1 962	182	1 143	383	27
Grain and bean combines, self-propelled only	farms, 1982	64	23	374	22	286	74	4
	farms, 1978	44	22	343	10	179	78	3
	number, 1982	74	23	409	22	325	90	4
	number, 1978	48	22	400	10	200	78	3

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
OPERATOR CHARACTERISTICS—Con.									
1982 operators by years on present farm:									
2 years or less	farms, 1982	6	39	39	-	54	17	20	4
3 or 4 years	farms, 1982	15	40	52	2	75	33	45	3
5 to 9 years	farms, 1982	27	95	118	3	128	62	79	12
10 years or more	farms, 1982	139	488	391	33	716	307	412	43
Average years on present farm	farms, 1982	21.9	21.1	17.5	24.7	21.6	21.7	20.6	19.0
Not reported	farms, 1982	31	126	90	6	293	85	92	14
1982 operators by age group:									
Under 25 years	farms, 1982	3	37	27	-	56	15	23	-
25 to 34 years	farms, 1982	29	117	131	6	225	42	83	11
35 to 44 years	farms, 1982	41	184	153	3	257	121	175	17
45 to 54 years	farms, 1982	61	172	161	12	272	114	136	23
55 to 64 years	farms, 1982	51	202	148	18	346	132	170	19
65 years end over	farms, 1982	33	76	70	5	110	80	61	6
Average age	farms, 1982	50.2	47.3	46.7	52.8	47.3	50.6	48.1	48.1
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	168	666	593	34	1 076	398	539	69
	1978	211	659	565	44	1 042	407	554	60
	acres, 1982	(D)	197 333	174 787	10 786	301 929	123 790	151 657	25 731
	1978	38 624	180 189	158 180	14 128	277 344	127 021	152 416	21 980
Partnership	farms, 1982	35	113	88	9	134	86	104	5
	1978	38	107	85	13	136	78	88	8
	acres, 1982	13 697	63 843	37 695	(D)	56 265	56 631	48 912	(D)
	1978	(D)	54 429	(D)	(D)	(D)	(D)	40 256	(D)
Corporation:									
Family held	farms, 1982	14	6	5	1	46	11	4	1
	1978	9	9	6	1	33	8	7	-
	acres, 1982	(D)	(D)	8 461	(D)	48 189	9 146	(D)	(D)
	1978	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
Other than family held	farms, 1982	1	-	3	-	7	3	-	1
	1978	-	-	1	-	3	3	3	1
	acres, 1982	(D)	-	(D)	-	1 272	281	-	(D)
	1978	-	-	(D)	-	1 399	1 038	998	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	3	1	-	3	6	1	-
	1978	-	1	-	-	-	-	2	-
	acres, 1982	-	(D)	(D)	-	2 624	484	(D)	-
	1978	-	(D)	-	-	-	-	(D)	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	55	172	203	21	416	169	278	37
	$1,000	923	4 970	5 385	27	20 596	1 580	3 205	(D)
Feed for livestock and poultry	farms	49	255	389	35	717	261	380	55
	$1,000	469	4 179	6 232	408	18 930	3 416	7 419	610
Commercially mixed formula feeds	farms	32	203	256	35	527	203	262	21
	tons	864	15 203	14 521	1 383	94 240	10 401	29 866	997
	$1,000	169	2 648	2 813	231	14 057	1 889	5 252	201
Seeds, bulbs, plants, end trees	farms	155	728	651	23	1 161	473	612	56
	$1,000	466	3 217	2 157	35	5 253	2 035	2 122	216
Commercial fertilizer	farms	209	718	590	36	1 153	453	610	75
	$1,000	875	7 537	5 788	86	16 187	5 180	5 657	580
Other agricultural chemicals[2]	farms	184	679	618	22	1 026	471	593	43
	$1,000	1 099	3 322	2 347	17	5 111	2 346	2 133	149
Hired farm labor	farms	149	318	351	22	596	247	347	48
	$1,000	1 556	2 193	2 029	87	5 338	3 070	3 727	568
Workers working 150 days or more	farms	87	136	137	10	297	104	132	21
	number	144	281	293	12	733	329	382	63
Contract labor	farms	12	27	22	-	56	16	22	-
	$1,000	144	314	109	-	354	165	208	-
Customwork, machine hire, and rental of machinery and equipment	farms	94	339	369	13	581	249	310	16
	$1,000	176	656	976	10	1 326	493	553	9
Energy and petroleum products	farms	218	788	690	36	1 266	499	648	76
	$1,000	1 057	5 863	4 563	196	10 367	4 117	4 895	580
Petroleum products	farms	218	788	690	36	1 266	499	648	76
	$1,000	860	4 971	3 713	132	8 287	3 255	3 767	481
Interest expense:									
Expenses reported	farms	119	557	491	17	834	361	403	62
	$1,000	1 870	8 782	5 392	142	15 633	7 072	5 690	943
Expenses reported as "No"	farms	87	196	188	13	362	106	180	14
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1982	218	788	690	36	1 256	499	648	76
	1978	259	753	637	74	1 208	503	628	54
	$1,000, 1982	18 341	64 601	47 713	1 138	114 557	41 199	50 162	7 955
	1978	16 097	46 212	32 082	2 521	77 317	31 541	38 134	4 473
Average per farm	dollars, 1982	84 131	81 981	69 149	31 601	91 208	82 563	77 411	104 674
	1978	62 151	61 371	50 364	34 062	64 004	62 705	60 723	82 832
Motortrucks, including pickups	farms, 1982	201	744	632	30	1 145	481	630	61
	1978	229	721	584	74	1 052	476	574	47
	number, 1982	386	1 697	1 132	84	2 174	906	1 038	95
	1978	412	1 287	963	129	1 972	914	866	81
Wheel tractors	farms, 1982	217	755	677	36	1 174	482	632	76
	1978	255	716	606	74	1 154	494	603	54
	number, 1982	845	2 572	2 170	129	4 642	1 829	2 169	256
	1978	944	2 104	1 923	203	4 092	1 831	2 043	190
Grain and bean combines, self-propelled only	farms, 1982	22	474	436	10	935	255	282	44
	1978	27	506	306	8	837	294	280	19
	number, 1982	24	523	478	10	1 040	277	319	46
	1978	32	528	334	8	876	326	295	21

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less	-	17	13	21	2	33	-	1
3 or 4 years	5	26	28	26	3	35	-	3
5 to 9 years	2	60	81	69	4	104	-	3
10 years or more	22	295	292	271	15	439	-	20
Average years on present farm	20.8	20.7	21.1	18.8	20.9	20.2	-	20.4
Not reported	4	107	85	61	7	105	-	3
1982 operetors by age group:								
Under 25 years	-	19	9	6	-	17	-	-
25 to 34 years	6	69	73	60	2	94	-	9
35 to 44 years	6	103	101	87	6	159	-	8
45 to 54 years	11	113	116	128	7	177	-	3
55 to 64 years	7	141	123	111	9	188	-	7
65 years and over	3	60	77	56	7	81	-	3
Average age	48.8	48.9	50.1	49.8	52.5	49.2	-	44.8
TYPE OF ORGANIZATION								
Individual or family—farms, 1982	30	423	415	356	27	547	-	24
1978	22	404	343	363	29	547	-	17
acres, 1982	16 304	120 907	118 729	110 453	(D)	124 574	-	(D)
1978	10 630	122 866	118 966	105 249	10 102	120 759	-	4 549
Partnership—farms, 1982	1	79	66	60	4	130	-	6
1978	2	66	66	72	-	118	-	5
acres, 1982	(D)	36 690	45 621	26 401	(D)	42 528	-	(D)
1978	(D)	29 314	34 539	29 332	-	41 704	-	2 418
Corporation:								
Family held—farms, 1982	2	3	16	26	-	35	-	-
1978	1	3	9	17	-	23	-	-
acres, 1982	(D)	1 384	(D)	(D)	-	11 521	-	-
1978	(D)	1 145	(D)	(D)	-	11 221	-	-
Other than family held—farms, 1982	-	-	1	3	-	3	-	-
1978	-	-	1	2	-	2	-	-
acres, 1982	-	-	(D)	(D)	-	(D)	-	-
1978	-	-	(D)	(D)	-	(D)	-	-
Other—cooperative, estate or trust, institutional, etc.—farms, 1982	-	-	1	3	-	1	-	-
1978	-	-	1	2	-	1	-	-
acres, 1982	-	-	(D)	2 831	-	(D)	-	-
1978	-	-	(D)	(D)	-	(D)	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased—farms	9	131	177	169	14	237	-	18
$1,000	27	3 997	4 795	3 485	27	2 814	-	23
Feed for livestock and poultry—farms	25	297	272	189	22	366	-	25
$1,000	132	3 875	3 077	4 727	204	5 664	-	209
Commercially mixed formula feeds—farms	11	197	185	131	16	273	-	14
tons	440	11 631	9 899	17 255	436	16 876	-	487
$1,000	72	2 168	1 772	3 324	98	3 541	-	109
Seeds, bulbs, plants, and trees—farms	23	494	490	386	28	599	-	25
$1,000	88	1 477	1 773	1 855	108	3 301	-	29
Commercial fertilizer—farms	25	468	483	356	27	631	-	20
$1,000	133	3 684	4 815	3 943	260	4 226	-	62
Other agricultural chemicals[2]—farms	16	425	447	393	23	628	-	19
$1,000	78	1 686	2 014	1 576	79	3 597	-	19
Hired farm labor—farms	19	265	212	261	11	495	-	15
$1,000	264	1 817	2 504	4 516	219	9 938	-	42
Workers working 150 days or more—farms	8	111	94	139	5	252	-	3
number	(D)	(D)	315	373	(D)	838	-	5
Contract labor—farms	2	2	12	36	1	74	-	2
$1,000	(D)	(D)	47	296	(D)	1 471	-	(D)
Customwork, machine hire, and rental of machinery and equipment—farms	6	239	183	176	11	308	-	9
$1,000	4	288	361	434	13	768	-	1
Energy and petroleum products—farms	33	505	499	448	31	717	-	30
$1,000	231	3 348	3 754	4 365	292	6 307	-	125
Petroleum products—farms	33	505	499	448	31	717	-	30
$1,000	171	2 599	3 007	3 567	218	4 801	-	85
Interest expense:								
Expenses reported—farms	19	356	312	285	18	435	-	26
$1,000	115	3 863	5 653	4 441	141	5 876	-	118
Expenses reported as "No"—farms	13	114	168	145	13	257	-	4
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment—farms, 1982	33	505	498	448	31	717	-	30
1978	25	482	456	485	29	741	-	24
$1,000, 1982	1 833	36 257	37 580	31 551	2 607	52 081	-	1 730
1978	1 273	28 195	27 173	25 866	1 616	43 220	-	863
Average per farm—dollars, 1982	55 554	71 797	75 461	70 426	84 112	72 638	-	57 660
1978	50 914	58 495	59 591	53 331	55 712	58 326	-	35 942
Motortrucks, including pickups—farms, 1982	29	455	477	429	27	682	-	24
1978	24	440	436	439	28	681	-	24
number, 1982	85	764	983	876	49	1 328	-	34
1978	60	731	612	866	55	1 342	-	40
Wheel tractors—farms, 1982	30	483	459	419	31	674	-	27
1978	24	463	453	460	28	698	-	24
number, 1982	101	1 676	1 692	1 288	124	2 507	-	82
1978	78	1 519	1 665	1 294	89	2 418	-	86
Grain and bean combines, self-propelled only—farms, 1982	14	299	278	199	13	235	-	15
1978	6	287	165	203	8	152	-	7
number, 1982	14	348	297	222	13	247	-	16
1978	6	310	177	207	8	164	-	7

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
OPERATOR CHARACTERISTICS—Con.									
1982 operators by years on present farm:									
2 years or less	farms, 1982	14	7	29	10	-	-	19	5
3 or 4 years	farms, 1982	35	7	59	16	-	3	16	7
5 to 9 years	farms, 1982	71	44	138	34	3	6	45	13
10 years or more	farms, 1982	334	140	581	199	8	26	237	53
Average years on present farm	farms, 1982	21.2	20.2	20.4	21.8	16.7	19.2	20.6	18.1
Not reported	farms, 1982	90	26	149	60	1	6	74	15
1982 operators by age group:									
Under 25 years	farms, 1982	28	7	44	5	-	2	9	3
25 to 34 years	farms, 1982	67	28	153	39	4	6	49	14
35 to 44 years	farms, 1982	89	44	213	63	1	12	67	18
45 to 54 years	farms, 1982	141	52	228	70	4	9	74	20
55 to 64 years	farms, 1982	154	66	214	87	2	11	131	24
65 years and over	farms, 1982	65	27	104	55	1	1	61	14
Average age	farms, 1982	49.3	50.1	47.3	51.0	45.9	45.9	51.6	49.4
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	438	173	785	244	9	38	305	73
	farms, 1978	376	215	864	257	10	34	268	80
	acres, 1982	120 035	37 165	231 370	71 699	5 552	19 480	50 927	20 063
	acres, 1978	112 045	(D)	244 063	77 068	(D)	18 400	45 307	19 125
Partnership	farms, 1982	84	34	151	59	3	2	66	10
	farms, 1978	96	39	151	44	1	2	58	7
	acres, 1982	45 623	10 568	84 991	27 668	1 250	(D)	20 790	1 771
	acres, 1978	50 922	11 183	(D)	20 447	(D)	(D)	16 683	(D)
Corporation:									
Family held	ferms, 1982	19	16	19	13	-	1	19	6
	1978	11	8	13	9	-	1	18	8
	acres, 1982	10 882	(D)	(D)	5 252	-	(D)	(D)	(D)
	1978	4 993	(D)	(D)	(D)	-	(D)	(D)	(D)
Other than family held	farms, 1982	3	1	1	1	-	-	-	1
	1978	-	2	1	2	-	-	-	1
	acres, 1982	466	(D)	(D)	(D)	-	-	-	(D)
	1978	-	(D)	(D)	(D)	-	-	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	-	-	2	-	-	1	3
	1978	-	-	-	1	-	-	4	-
	acres, 1982	-	-	-	(D)	-	-	(D)	(D)
	1978	-	-	-	(D)	-	-	(D)	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	195	43	272	133	6	13	73	14
	$1,000	4 060	892	5 815	3 085	172	73	1 676	189
Feed for livestock and poultry	farms	353	66	408	201	9	39	123	19
	$1,000	3 403	747	5 891	3 919	35	584	1 200	95
Commercially mixed formula feeds	farms	246	39	241	164	1	32	95	7
	tons	7 041	2 350	14 580	16 244	(D)	1 548	5 273	295
	$1,000	1 897	442	3 008	2 406	(D)	288	912	55
Seeds, bulbs, plants, and trees	farms	483	110	901	281	9	28	325	63
	$1,000	1 818	235	4 653	840	32	30	1 919	287
Commercial fertilizer	farms	491	206	884	274	6	34	349	77
	$1,000	4 715	1 030	11 464	2 495	25	87	1 898	529
Other agricultural chemicals[2]	farms	467	208	872	251	7	19	366	88
	$1,000	1 964	1 565	5 016	812	9	(D)	1 109	978
Hired farm labor	farms	248	162	391	156	5	23	193	76
	$1,000	4 809	2 802	3 727	2 675	(D)	140	3 622	1 513
Workers working 150 days or more	farms	161	68	150	81	2	10	133	37
	number	491	181	314	300	(D)	(D)	(D)	147
Contract labor	farms	27	23	32	12	1	2	24	21
	$1,000	108	141	354	137	(D)	(D)	99	273
Customwork, machine hire, and rental of machinery and equipment	farms	245	97	408	144	3	14	88	29
	$1,000	402	499	1 206	330	1	28	235	154
Energy and petroleum products	farms	544	224	956	320	12	41	391	93
	$1,000	4 445	1 513	6 657	2 588	71	210	3 271	705
Petroleum products	farms	544	224	956	320	12	41	391	93
	$1,000	3 425	1 203	5 593	1 994	52	151	2 689	505
Interest expense:									
Expenses reported	farms	326	146	701	187	11	30	204	59
	$1,000	4 506	1 794	11 409	2 991	107	257	1 715	653
Expenses reported as "No"	farms	193	56	226	127	-	8	180	32
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1982	544	224	956	320	12	41	391	93
	farms, 1978	481	237	1 025	296	11	37	368	101
	$1,000, 1982	44 227	18 245	73 616	22 817	643	2 541	24 683	6 697
	$1,000, 1978	37 280	12 610	59 477	18 397	691	1 783	18 177	5 505
Average per farm	dollars, 1982	81 300	81 449	77 005	71 303	53 617	61 976	63 128	72 006
	dollars, 1978	77 505	53 207	58 026	62 151	62 804	48 192	49 395	54 502
Motortrucks, including pickups	farms, 1982	477	201	889	292	12	33	369	80
	farms, 1978	461	213	946	265	11	31	348	99
	number, 1982	1 011	481	1 754	578	38	49	760	178
	number, 1978	917	398	1 879	492	28	43	602	215
Wheel tractors	ferms, 1982	517	218	910	318	12	41	379	76
	1978	469	232	942	295	11	37	357	100
	number, 1982	1 969	823	2 948	1 080	41	135	1 361	267
	1978	1 888	803	2 881	1 049	34	129	1 288	294
Grain and bean combines, self-propelled only	farms, 1982	212	22	660	112	5	22	190	5
	1978	212	10	637	118	6	18	106	16
	number, 1982	220	22	712	121	(D)	23	214	7
	1978	219	11	678	124	(D)	19	108	21

See footnotes at and of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
OPERATOR CHARACTERISTICS—Con.									
1982 operators by years on present farm:									
2 years or less		-	4	6	8	5	9	22	36
3 or 4 years		-	12	14	5	6	17	39	38
5 to 9 years		2	28	45	41	34	36	91	69
10 years or more		17	139	144	142	125	132	459	335
Average years on present farm		26.5	20.7	19.8	19.9	19.9	20.1	22.1	19.6
Not reported		2	30	43	31	37	16	149	82
1982 operators by age group:									
Under 25 years		-	4	10	3	8	10	38	23
25 to 34 years		2	31	34	45	40	38	100	86
35 to 44 years		4	52	62	53	46	34	144	135
45 to 54 years		4	43	57	57	48	60	190	136
55 to 64 years		9	56	67	39	42	53	192	127
65 years and over		2	27	22	30	23	15	96	53
Average age		51.2	48.9	47.8	47.7	46.5	46.8	48.9	46.9
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	18	172	199	193	174	167	638	479
	1978	24	171	166	197	193	173	631	406
	acres, 1982	8 003	45 363	60 028	79 623	53 403	53 864	163 348	148 913
	1978	(D)	46 726	55 919	79 919	56 008	63 904	143 455	127 137
Partnership	farms, 1982	2	29	50	30	28	43	106	72
	1978	1	39	36	29	19	31	96	69
	acres, 1982	(D)	(D)	25 496	(D)	18 540	19 468	(D)	(D)
	1978	(D)	(D)	(D)	18 859	13 135	13 494	32 121	(D)
Corporation:									
Family held	farms, 1982	1	11	1	4	5	-	15	8
	1978	1	2	2	5	-	-	17	11
	acres, 1982	(D)	(D)	(D)	(D)	2 069	-	(D)	(D)
	1978	(D)	(D)	(D)	2 394	-	-	12 987	(D)
Other than family held	farms, 1982	-	1	-	-	-	-	1	1
	1978	-	-	-	-	-	-	3	1
	acres, 1982	-	(D)	-	-	-	-	(D)	(D)
	1978	-	-	-	-	-	-	2 900	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	-	-	2	-	-	-	-	-
	1978	-	-	-	-	-	-	3	-
	acres, 1982	-	-	(D)	-	-	-	-	-
	1978	-	-	-	-	-	-	354	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	2	51	70	62	57	98	132	178
	$1,000	(D)	1 204	(D)	432	3 004	1 297	3 390	848
Feed for livestock and poultry	farms	6	106	185	207	100	207	164	286
	$1,000	95	1 253	2 339	3 298	1 340	4 103	2 899	2 832
Commercially mixed formula feeds	farms	6	79	143	164	61	192	77	230
	tons	606	2 573	4 445	13 489	757	14 651	8 797	6 589
	$1,000	89	606	1 055	2 113	213	2 400	1 487	1 370
Seeds, bulbs, plants, and trees	farms	13	179	225	188	200	206	719	503
	$1,000	42	483	702	412	789	436	3 810	3 489
Commercial fertilizer	farms	17	192	217	204	197	193	636	527
	$1,000	74	1 121	1 189	1 035	1 994	1 283	6 906	5 306
Other agricultural chemicals[2]	farms	17	191	156	154	174	181	648	490
	$1,000	31	857	567	239	879	280	3 366	2 788
Hired farm labor	farms	6	131	121	122	144	145	278	275
	$1,000	65	1 432	1 058	1 167	467	1 212	3 921	3 366
Workers working 150 days or more	farms	5	42	63	75	34	73	145	126
	number	16	(D)	116	187	69	(D)	399	370
Contract labor	farms	-	5	8	2	5	15	38	19
	$1,000	-	192	37	(D)	11	36	189	568
Customwork, machine hire, and rental of machinery and equipment	farms	2	109	103	94	104	108	259	282
	$1,000	(D)	199	216	74	253	194	540	896
Energy and petroleum products	farms	21	213	252	227	207	210	760	560
	$1,000	183	1 375	1 738	1 402	1 374	1 597	5 413	4 850
Petroleum products	farms	21	213	252	227	207	210	760	560
	$1,000	142	962	1 250	1 044	1 176	1 010	4 753	3 663
Interest expense:									
Expenses reported	farms	6	152	143	166	179	181	507	398
	$1,000	62	1 830	1 958	2 148	2 594	2 839	6 191	6 412
Expenses reported as "No"	farms	13	53	93	60	26	26	199	144
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1982	21	213	252	227	207	210	760	560
	1978	26	214	170	232	193	218	759	516
	$1,000, 1982	1 517	15 241	17 347	17 617	19 772	18 266	64 377	50 148
	1978	1 102	11 887	11 596	13 703	13 398	13 777	41 178	34 226
Average per farm	dollars, 1982	72 243	71 554	68 838	77 606	95 517	86 982	84 707	89 550
	1978	42 403	55 546	68 210	59 064	69 421	63 196	54 254	66 330
Motortrucks, including pickups	farms, 1982	21	180	234	205	204	196	723	493
	1978	25	210	165	215	180	202	707	471
	number, 1982	64	342	384	305	455	260	1 692	994
	1978	56	370	289	329	385	311	1 557	954
Wheel tractors	farms, 1982	19	212	225	218	207	200	732	529
	1978	24	195	170	231	187	216	736	512
	number, 1982	75	826	820	823	665	720	2 457	1 853
	1978	86	706	589	794	664	678	2 260	1 760
Grain and bean combines, self-propelled only	farms, 1982	12	45	73	104	140	33	539	278
	1978	6	38	55	96	124	72	470	259
	number, 1982	13	45	73	106	172	33	608	334
	1978	6	38	58	101	128	72	490	289

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
OPERATOR CHARACTERISTICS—Con.									
1982 operators by years on present farm:									
2 years or less		-	8	16	10	5	5	2	8
3 or 4 years		1	17	31	20	19	11	3	15
5 to 9 years		5	27	59	22	59	18	5	27
10 years or more		23	129	185	101	233	59	24	128
Average years on present farm		21.9	20.7	18.0	17.4	19.6	18.2	18.5	21.3
Not reported		9	22	53	25	50	26	1	32
1982 operators by age group:									
Under 25 years		-	4	8	3	6	3	-	2
25 to 34 years		4	26	54	19	43	21	4	35
35 to 44 years		7	51	89	39	99	28	7	39
45 to 54 years		10	42	79	48	87	26	14	50
55 to 64 years		12	55	86	45	86	28	7	51
65 years and over		5	25	28	24	45	13	3	33
Average age		51.8	49.1	47.7	50.4	48.9	47.5	49.8	49.5
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	35	153	290	131	298	98	30	175
	1978	27	145	251	130	323	97	33	164
	acres, 1982	12 830	34 486	69 195	32 733	69 892	35 141	14 888	57 330
	1978	12 015	45 089	59 096	39 212	69 409	40 840	16 969	56 353
Partnership	farms, 1982	2	36	38	27	55	19	5	34
	1978	3	28	35	32	46	18	4	25
	acres, 1982	(D)	11 439	13 974	7 744	19 877	(D)	2 738	(D)
	1978	1 866	9 730	15 070	7 846	(D)	(D)	1 752	(D)
Corporation:									
Family held	farms, 1982	-	11	12	17	12	2	-	1
	1978	2	7	9	16	2	2	-	-
	acres, 1982	-	(D)	(D)	3 375	(D)	(D)	-	(D)
	1978	(D)	(D)	(D)	2 567	(D)	(D)	-	-
Other than family held	farms, 1982	-	1	1	3	1	-	-	-
	1978	1	1	2	3	1	-	-	2
	acres, 1982	-	(D)	(D)	256	(D)	-	-	-
	1978	(D)	(D)	(D)	(D)	(D)	-	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	1	2	3	-	-	-	-	-
	1978	-	1	2	2	-	-	-	-
	acres, 1982	(D)	(D)	3 737	-	-	-	-	-
	1978	-	(D)	(D)	(D)	-	-	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	19	62	152	39	90	51	9	67
	$1,000	109	881	1 528	402	1 218	437	28	377
Feed for livestock and poultry	farms	28	111	239	61	131	91	28	181
	$1,000	312	1 643	4 445	369	1 878	955	181	2 828
Commercially mixed formula feeds	farms	25	77	203	43	95	85	20	148
	tons	1 060	3 752	23 842	1 528	5 288	1 962	813	7 495
	$1,000	195	718	3 671	218	979	408	135	1 466
Seeds, bulbs, plants, and trees	farms	27	177	312	106	328	95	18	183
	$1,000	56	682	996	1 749	822	244	10	310
Commercial fertilizer	farms	27	173	250	108	332	96	24	159
	$1,000	156	1 454	1 868	620	1 696	612	17	638
Other agricultural chemicals[2]	farms	30	174	282	97	321	87	8	141
	$1,000	43	1 111	1 664	428	2 528	196	8	202
Hired farm labor	farms	22	134	210	110	261	47	22	120
	$1,000	152	3 084	2 937	2 533	3 940	403	56	1 097
Workers working 150 days or more	farms	12	61	84	37	93	27	6	61
	number	(D)	268	253	165	(D)	(D)	11	128
Contract labor	farms	-	17	6	27	50	3	-	12
	$1,000	-	268	344	312	492	2	-	21
Customwork, machine hire, and rental of machinery and equipment	farms	14	78	144	26	202	43	11	98
	$1,000	14	233	330	33	445	61	9	135
Energy and petroleum products	farms	38	204	344	181	366	119	35	210
	$1,000	286	1 793	2 414	1 490	2 144	891	139	1 171
Petroleum products	farms	38	204	344	181	366	119	35	210
	$1,000	213	1 281	1 685	1 215	1 557	628	106	787
Interest expense:									
Expenses reported	farms	24	146	230	87	234	51	23	123
	$1,000	376	1 717	2 785	729	2 622	1 077	101	1 210
Expenses reported as "No"	farms	14	52	81	92	111	53	11	82
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1982	38	204	344	181	366	119	35	210
	1978	30	150	262	191	376	117	29	194
	$1,000, 1982	3 767	14 665	24 687	9 397	23 505	10 785	1 474	13 470
	1978	2 436	11 626	18 199	10 660	18 335	8 589	1 412	10 476
Average per farm	dollars, 1982	99 144	71 888	71 766	51 917	64 220	90 629	42 105	64 144
	1978	81 191	77 508	69 463	55 809	48 763	73 413	48 680	53 998
Motortrucks, including pickups	farms, 1982	32	194	333	163	346	107	34	201
	1978	25	141	240	175	338	92	28	173
	number, 1982	48	360	585	357	711	162	55	291
	1978	29	343	377	359	719	161	45	235
Wheel tractors	farms, 1982	38	197	327	157	343	118	33	202
	1978	30	140	256	170	360	111	29	179
	number, 1982	133	722	1 263	418	1 332	475	107	673
	1978	101	633	915	554	1 392	384	100	518
Grain and bean combines, self-propelled only	farms, 1982	20	52	68	48	34	60	10	57
	1978	13	28	72	60	33	26	8	39
	number, 1982	20	53	71	51	34	62	14	57
	1978	17	30	80	62	34	27	8	41

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
OPERATOR CHARACTERISTICS—Con.								
1982 operators by years on present farm:								
2 years or less	3	1	34	1	-	34	16	24
3 or 4 years	3	3	66	16	-	43	37	33
5 to 9 years	11	1	130	16	1	119	73	102
10 years or more	18	34	492	65	2	606	317	360
Average years on present farm	13.1	22.7	18.3	19.9	22.7	22.0	20.5	17.8
Not reported	6	16	131	16	3	178	86	73
1982 operators by age group:								
Under 25 years	-	4	21	3	-	34	13	15
25 to 34 years	14	6	176	26	2	125	76	97
35 to 44 years	10	8	173	24	-	202	127	151
45 to 54 years	8	18	210	20	2	235	119	142
55 to 64 years	6	13	191	34	1	286	111	129
65 years and over	3	6	82	7	1	98	83	58
Average age	43.5	49.1	46.9	46.8	48.5	48.9	48.9	47.3
TYPE OF ORGANIZATION								
Individual or family—farms, 1982	37	50	667	98	4	822	451	516
1978	30	42	613	92	5	825	410	479
acres, 1982	10 454	19 254	97 650	38 425	(D)	209 619	117 773	152 341
1978	8 477	17 060	100 338	34 594	2 520	209 213	109 321	134 801
Partnership—farms, 1982	1	4	153	14	2	136	62	61
1978	2	6	129	25	-	135	63	77
acres, 1982	(D)	(D)	38 266	(D)	(D)	65 241	29 575	29 287
1978	(D)	3 118	32 215	(D)	-	60 473	29 337	(D)
Corporation:								
Family held—farms, 1982	3	1	24	2	-	20	13	11
1978	1	-	23	1	-	12	6	4
acres, 1982	(D)	(D)	11 355	(D)	-	(D)	4 578	12 182
1978	(D)	-	10 541	(D)	-	(D)	(D)	(D)
Other than family held—farms, 1982	-	-	8	-	-	1	1	4
1978	-	-	4	-	-	-	1	4
acres, 1982	-	-	(D)	-	-	(D)	(D)	547
1978	-	-	3 274	-	-	-	(D)	769
Other—cooperative, estate or trust, institutional, etc.—farms, 1982	-	-	1	-	-	1	2	-
1978	-	-	3	-	-	2	-	-
acres, 1982	-	-	(D)	-	-	(D)	(D)	-
1978	-	-	276	-	-	(D)	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased—farms	21	29	377	34	2	231	99	277
$1,000	125	333	10 959	322	(D)	2 191	1 515	2 862
Feed for livestock and poultry—farms	37	42	544	66	3	292	226	308
$1,000	294	338	28 274	925	6	2 110	2 558	4 604
Commercially mixed formula feeds—farms	28	28	378	48	-	202	160	161
tons	883	837	126 145	2 306	-	4 926	8 998	12 531
$1,000	147	153	22 950	436	-	1 058	1 609	2 576
Seeds, bulbs, plants, and trees—farms	37	47	706	100	3	898	459	586
$1,000	37	75	4 819	335	(D)	3 141	1 355	1 907
Commercial fertilizer—farms	39	48	783	114	5	932	428	548
$1,000	116	144	4 694	861	(D)	9 337	3 244	6 034
Other agricultural chemicals[2]—farms	31	37	724	86	4	912	427	567
$1,000	24	34	3 153	411	(D)	4 290	1 641	2 389
Hired farm labor—farms	22	37	548	75	4	509	180	235
$1,000	158	136	16 847	788	(D)	3 049	2 313	2 352
Workers working 150 days or more—farms	12	19	314	35	1	144	80	92
number	(D)	33	1 547	75	(D)	262	295	(D)
Contract labor—farms	1	4	53	-	-	38	21	16
$1,000	(D)	11	445	-	-	131	63	456
Customwork, machine hire, and rental of machinery and equipment—farms	17	16	473	34	1	322	170	300
$1,000	5	7	1 156	46	(D)	587	356	718
Energy and petroleum products—farms	41	55	853	114	6	980	529	592
$1,000	160	282	7 663	944	18	5 895	3 157	4 327
Petroleum products—farms	41	55	853	114	6	980	529	592
$1,000	123	212	5 631	735	(D)	5 112	2 532	3 540
Interest expense:								
Expenses reported—farms	35	29	563	54	3	595	302	438
$1,000	265	361	9 144	976	(D)	7 030	3 066	6 869
Expenses reported as "No"—farms	5	26	258	60	3	352	207	145
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment—farms, 1982	41	55	853	114	6	980	529	592
1978	33	49	776	149	5	964	471	578
$1,000, 1982	1 914	2 898	59 678	10 514	(D)	82 165	39 537	46 049
1978	1 334	1 981	40 755	8 703	(D)	58 324	23 874	29 129
Average per farm—dollars, 1982	46 672	52 699	69 962	92 228	(D)	83 842	74 739	77 786
1978	40 435	40 421	52 519	58 412	(D)	60 502	50 687	50 396
Motortrucks, including pickups—farms, 1982	30	55	768	113	6	929	468	515
1978	27	46	714	138	4	896	436	492
number, 1982	42	94	1 479	227	(D)	2 168	872	870
1978	39	75	1 365	248	(D)	1 938	798	700
Wheel tractors—farms, 1982	33	54	821	113	6	959	497	563
1978	31	47	756	149	5	931	452	545
number, 1982	122	182	3 152	500	(D)	3 619	1 713	1 755
1978	104	168	2 684	501	13	3 517	1 573	1 592
Grain and bean combines, self-propelled only—farms, 1982	6	14	181	78	3	736	353	320
1978	4	13	123	64	2	761	252	209
number, 1982	6	14	181	92	3	819	413	354
1978	4	13	129	69	(D)	847	287	220

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
OPERATOR CHARACTERISTICS—Con.									
1982 operators by years on present farm:									
2 years or less		34	1	17	20	26	14	8	5
3 or 4 years		78	-	47	42	56	35	8	5
5 to 9 years		117	6	85	90	105	95	22	9
10 years or more		693	7	438	582	422	386	83	43
Average years on present farm		21.5	13.3	21.4	22.3	19.2	21.2	20.1	19.9
Not reported		235	1	105	152	78	100	30	9
1982 operators by age group:									
Under 25 years		62	-	23	39	14	19	6	2
25 to 34 years		179	3	95	120	90	77	25	10
35 to 44 years		216	3	146	199	154	134	15	14
45 to 54 years		306	5	181	221	165	141	41	18
55 to 64 years		278	4	157	233	170	148	36	19
65 years and over		116	-	90	74	94	111	28	8
Average age		47.5	45.8	48.6	47.6	49.7	50.4	50.5	49.3
TYPE OF ORGANIZATION									
Individual or family	farms, 1982	973	14	595	718	581	505	103	64
	1978	968	15	515	756	584	492	117	56
	acres, 1982	298 218	(D)	160 070	215 120	113 727	136 559	19 682	19 091
	1978	293 917	(D)	149 324	213 115	103 008	137 584	17 015	20 186
Partnership	farms, 1982	164	1	92	118	77	101	26	5
	1978	158	1	88	101	75	99	22	7
	acres, 1982	78 077	(D)	(D)	55 194	15 762	39 539	3 877	(D)
	1978	72 150	(D)	43 495	55 658	(D)	39 665	2 760	(D)
Corporation:									
Family held	farms, 1982	17	-	5	47	24	20	19	2
	1978	11	-	4	25	25	14	15	1
	acres, 1982	17 408	-	(D)	(D)	25 551	(D)	(D)	(D)
	1978	(D)	-	(D)	(D)	(D)	5 436	(D)	(D)
Other than family held	farms, 1982	1	-	-	1	4	2	-	-
	1978	2	-	1	-	6	3	2	-
	acres, 1982	(D)	-	-	(D)	(D)	(D)	-	-
	1978	(D)	-	(D)	-	(D)	387	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1982	2	-	-	2	1	2	3	-
	1978	1	-	1	1	2	5	-	-
	acres, 1982	(D)	-	-	(D)	(D)	(D)	(D)	-
	1978	(D)	-	(D)	(D)	(D)	1 621	-	-
1982 SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	303	7	125	173	149	234	1	10
	$1,000	3 904	48	2 078	1 865	2 680	3 816	(D)	50
Feed for livestock and poultry	farms	698	10	242	262	261	356	11	52
	$1,000	7 604	37	2 738	5 118	4 963	4 097	95	463
Commercially mixed formula feeds	farms	584	3	149	176	149	218	11	38
	tons	20 006	(D)	5 970	21 730	13 750	9 398	445	2 922
	$1,000	4 145	(D)	1 209	3 921	2 737	2 058	91	415
Seeds, bulbs, plants, and trees	farms	1 054	14	629	848	493	576	112	59
	$1,000	3 841	19	1 643	3 727	2 119	2 151	415	80
Commercial fertilizer	farms	1 039	14	623	831	633	527	133	58
	$1,000	11 638	53	4 411	11 445	4 397	5 048	895	161
Other agricultural chemicals[2]	farms	984	10	601	769	620	507	122	44
	$1,000	3 587	13	1 757	3 776	4 244	1 753	405	103
Hired farm labor	farms	623	6	254	445	477	287	89	44
	$1,000	5 144	21	1 883	3 495	7 980	2 819	1 860	159
Workers working 150 days or more	farms	331	3	100	162	182	155	56	21
	number	748	(D)	245	409	979	314	217	24
Contract labor	farms	37	-	18	79	112	45	13	-
	$1,000	177	-	49	463	867	289	40	-
Customwork, machine hire, and rental of machinery and equipment	farms	563	5	223	380	369	237	36	38
	$1,000	985	1	322	692	1 009	449	35	11
Energy and petroleum products	farms	1 157	15	692	887	690	630	151	73
	$1,000	8 916	65	4 354	6 989	4 753	5 046	2 398	(D)
Petroleum products	farms	1 157	15	692	887	690	630	151	73
	$1,000	6 793	55	3 551	5 986	3 748	4 168	2 053	246
Interest expense:									
Expenses reported	farms	873	11	514	541	465	369	62	43
	$1,000	12 501	119	5 165	9 370	7 213	4 227	621	399
Expenses reported as "No"	farms	235	4	134	301	208	222	70	30
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1982	1 157	15	692	887	690	630	151	73
	1978	1 154	16	582	867	702	590	160	41
	$1,000, 1982	98 869	749	51 426	86 887	46 985	55 083	10 167	3 131
	1978	76 302	664	36 752	65 010	31 843	37 859	6 292	2 152
Average per farm	dollars, 1982	85 453	49 938	74 315	97 956	68 094	87 434	67 333	42 895
	1978	66 120	41 526	63 147	74 982	45 361	64 168	39 326	52 485
Motortrucks, including pickups	farms, 1982	971	14	662	849	634	588	151	72
	1978	1 025	10	540	824	661	561	138	36
	number, 1982	1 677	29	1 223	1 971	1 374	1 263	379	111
	1978	1 583	17	988	1 829	1 897	1 157	362	67
Wheel tractors	farms, 1982	1 077	15	669	838	651	602	128	73
	1978	1 119	15	572	853	676	568	140	41
	number, 1982	3 961	42	2 372	3 070	2 217	2 383	311	245
	1978	4 134	49	1 994	3 008	2 215	2 257	421	111
Grain and bean combines, self-propelled only	farms, 1982	653	11	456	698	204	413	58	14
	1978	670	8	440	666	181	344	60	22
	number, 1982	742	11	496	810	218	440	58	14
	1978	712	(D)	480	718	194	388	60	23

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
LIVESTOCK AND POULTRY							
Cattle and calves inventory—farms, 1982	13 284	61	28	476	106	65	94
1978	13 022	57	24	502	96	53	111
number, 1982	1 167 528	5 447	1 988	47 637	8 192	6 793	8 063
1978	1 072 443	4 413	2 259	42 496	6 459	6 291	8 303
Cows and heifers that had calved—farms, 1982	10 210	46	27	351	89	54	76
1978	10 288	51	23	369	86	48	85
number, 1982	470 629	2 240	910	18 491	3 869	2 425	3 394
1978	446 178	2 063	1 120	17 401	3 285	2 626	3 551
Beef cows—farms, 1982	3 437	22	6	101	30	23	25
1978	3 276	34	4	97	31	19	19
number, 1982	79 579	995	97	2 083	817	593	294
1978	78 210	1 245	401	2 075	700	855	333
Milk cows—farms, 1982	7 431	26	24	276	64	33	62
1978	7 742	26	20	292	61	32	73
number, 1982	391 050	1 245	813	16 408	3 052	1 832	3 100
1978	367 968	818	719	15 326	2 585	1 771	3 218
Heifers and heifer calves—farms, 1982	10 473	46	27	365	94	55	76
number, 1982	375 321	1 642	812	16 839	2 944	2 359	2 747
Steers, steer calves, bulls, and bull calves—farms, 1982	11 073	50	21	370	92	52	80
number, 1982	321 578	1 565	266	12 307	1 379	2 009	1 922
Cattle and calves sold—farms, 1982	13 056	63	28	471	107	62	92
1978	13 049	63	25	511	98	53	107
number, 1982	573 868	2 878	920	27 880	2 915	3 240	3 112
1978	600 069	2 664	905	26 515	3 651	2 515	4 004
Calves—farms, 1982	6 783	38	18	278	64	32	46
number, 1982	150 946	694	291	12 696	1 143	715	1 207
Cattle—farms, 1982	11 978	55	27	427	98	56	83
1978	11 874	60	23	466	92	48	100
number, 1982	422 922	2 184	629	15 184	1 772	2 525	1 905
1978	440 299	1 767	504	15 035	2 562	1 678	2 865
Fattened on grains and concentrates—farms, 1982	4 851	14	3	179	26	16	31
number, 1982	260 917	211	26	8 424	300	1 354	568
Hogs and pigs inventory—farms, 1982	4 169	6	2	247	14	14	20
1978	4 347	7	2	270	15	11	24
number, 1982	1 007 780	(D)	(D)	92 577	972	1 081	3 666
1978	837 591	89	(D)	73 877	813	1 015	4 133
Used or to be used for breeding—farms, 1982	2 843	3	-	141	7	9	9
1978	3 083	3	-	166	9	9	18
number, 1982	143 429	39	-	7 919	191	197	307
1978	131 669	19	-	7 588	341	128	517
Other—farms, 1982	3 949	5	2	235	12	12	19
1978	4 074	7	2	254	15	11	24
number, 1982	864 351	(D)	(D)	84 658	781	884	3 359
1978	705 922	70	(D)	66 289	472	887	3 616
Hogs and pigs sold—farms, 1982	4 306	4	-	261	10	13	20
1978	4 410	6	2	286	13	11	24
number, 1982	1 666 958	433	-	175 723	1 087	1 588	5 674
1978	1 280 471	116	(D)	125 161	1 925	682	5 666
Feeder pigs—farms, 1982	1 218	1	-	72	4	6	3
1978	1 189	-	-	65	7	7	7
number, 1982	355 848	(D)	-	39 231	502	800	565
1978	250 881	-	-	16 798	1 214	176	1 224
Sheep and lambs inventory—farms, 1982	897	4	1	29	3	5	2
1978	741	2	-	28	2	-	1
number, 1982	67 479	117	(D)	1 212	(D)	124	(D)
1978	58 037	(D)	-	1 503	(D)	-	(D)
Sheep and lambs sold—farms, 1982	829	4	1	22	3	3	2
1978	717	2	-	23	2	-	1
number, 1982	59 840	89	(D)	1 039	(D)	112	(D)
1978	50 510	(D)	-	907	(D)	-	(D)
Hens and pullets of laying age inventory—farms, 1982	1 732	6	1	74	14	11	16
1978	1 924	9	2	78	16	9	20
number, 1982	6 462 136	(D)	(D)	1 116 178	(D)	(D)	(D)
1978	6 046 389	(D)	(D)	792 702	25 585	(D)	(D)
Broilers and other meat-type chickens sold—farms, 1982	194	-	-	5	1	1	2
1978	173	2	-	11	2	1	1
number, 1982	563 215	-	-	(D)	(D)	(D)	(D)
1978	450 907	(D)	-	114 637	(D)	(D)	(D)
CROPS HARVESTED							
Corn for grain or seed—farms, 1982	20 242	15	3	704	63	59	146
1978	19 609	20	1	716	67	55	177
acres, 1982	2 386 819	1 165	60	93 094	3 081	4 924	12 623
1978	2 052 150	743	(D)	75 014	2 993	4 647	13 180
bushels, 1982	243 114 391	82 680	5 200	9 747 132	197 495	374 422	1 090 971
1978	167 017 524	59 160	(D)	6 016 429	194 932	398 350	1 052 982
Wheat for grain—farms, 1982	11 150	20	-	277	65	22	84
1978	8 975	10	-	219	27	10	69
acres, 1982	453 529	1 070	-	8 373	2 486	1 464	3 559
1978	303 907	261	-	4 510	482	740	2 083
bushels, 1982	18 786 515	50 576	-	366 814	123 219	40 260	204 356
1978	12 464 273	8 875	-	153 791	14 360	(D)	101 913

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
LIVESTOCK AND POULTRY								
Cattle and calves inventory	farms, 1982	14	271	78	14	150	301	325
	1978	16	257	75	13	139	286	310
	number, 1982	1 002	24 176	3 963	1 207	5 760	21 205	26 942
	1978	1 191	22 160	3 940	1 042	6 154	19 678	25 593
Cows and heifers that had calved	farms, 1982	14	223	48	10	104	224	259
	1978	16	206	61	11	108	223	248
	number, 1982	517	11 472	1 567	314	2 517	6 862	10 372
	1978	651	9 786	1 664	303	2 854	6 991	9 739
Beef cows	farms, 1982	4	74	15	6	55	108	136
	1978	7	81	21	8	52	105	124
	number, 1982	103	1 956	91	186	810	1 560	3 125
	1978	333	1 728	259	181	972	1 613	2 616
Milk cows	farms, 1982	12	164	36	4	52	128	134
	1978	10	138	41	3	59	135	141
	number, 1982	414	9 516	1 476	128	1 707	5 302	7 247
	1978	318	8 058	1 405	122	1 882	5 378	7 123
Heifers and heifer calves	farms, 1982	14	228	49	13	103	230	269
	number, 1982	299	8 647	1 490	328	1 617	5 768	7 301
Steers, steer calves, bulls, and bull calves	farms, 1982	11	221	69	14	121	263	299
	number, 1982	186	4 057	906	565	1 626	8 575	9 269
Cattle and calves sold	farms, 1982	15	263	73	13	136	277	315
	1978	17	257	69	13	133	280	323
	number, 1982	438	9 385	1 325	609	2 056	15 155	14 942
	1978	506	9 498	2 173	1 059	3 102	15 110	16 041
Calves	farms, 1982	9	165	32	5	47	125	145
	number, 1982	188	4 139	362	36	505	1 411	5 197
Cattle	farms, 1982	15	229	65	13	125	259	276
	1978	17	221	62	13	119	239	295
	number, 1982	250	5 246	963	573	1 551	13 744	9 745
	1978	270	5 750	1 515	1 013	1 947	13 007	11 452
Fattened on grains and concentrates	farms, 1982	1	82	33	8	68	112	155
	number, 1982	(D)	2 443	578	501	912	10 463	7 078
Hogs and pigs inventory	farms, 1982	–	60	35	1	100	173	122
	1978	–	76	42	2	98	184	130
	number, 1982	–	11 947	2 533	(D)	20 761	40 110	26 508
	1978	–	11 586	2 129	(D)	19 304	41 933	27 923
Used or to be used for breeding	farms, 1982	–	40	17	1	78	127	89
	1978	–	58	21	–	69	149	94
	number, 1982	–	1 345	217	(D)	2 467	6 426	3 722
	1978	–	1 499	413	–	3 328	6 140	3 916
Other	farms, 1982	–	57	35	1	97	161	116
	1978	–	64	37	2	96	172	123
	number, 1982	–	10 602	2 316	(D)	18 294	33 684	22 786
	1978	–	10 087	1 716	(D)	15 976	35 793	24 007
Hogs and pigs sold	farms, 1982	–	64	38	2	100	184	131
	1978	–	77	37	2	104	192	136
	number, 1982	–	16 472	4 984	(D)	39 431	62 859	43 577
	1978	–	14 666	3 718	(D)	34 087	56 479	37 241
Feeder pigs	farms, 1982	–	18	9	–	35	49	25
	1978	–	19	10	–	19	40	30
	number, 1982	–	4 175	1 223	–	5 409	7 888	2 867
	1978	–	2 306	2 352	–	4 853	8 352	3 398
Sheep and lambs inventory	farms, 1982	–	9	1	1	7	29	36
	1978	–	14	–	–	9	31	26
	number, 1982	–	537	(D)	(D)	159	2 501	2 147
	1978	–	748	–	–	225	2 061	1 808
Sheep and lambs sold	farms, 1982	–	7	–	–	5	29	37
	1978	–	13	–	–	8	33	26
	number, 1982	–	(D)	–	–	147	3 945	2 375
	1978	–	821	–	–	135	1 737	1 836
Hens and pullets of laying age inventory	farms, 1982	1	31	25	–	27	46	37
	1978	3	29	39	2	40	48	39
	number, 1982	(D)	(D)	(D)	–	(D)	12 048	(D)
	1978	75	(D)	(D)	(D)	(D)	32 927	(D)
Broilers and other meat-type chickens sold	farms, 1982	–	2	4	–	1	5	1
	1978	–	3	4	–	2	1	5
	number, 1982	–	(D)	616	–	(D)	1 433	(D)
	1978	–	(D)	730	–	(D)	(D)	343
CROPS HARVESTED								
Corn for grain or seed	farms, 1982	2	382	451	6	394	597	579
	1978	2	334	441	4	381	561	481
	acres, 1982	(D)	40 841	43 555	392	42 875	86 104	84 651
	1978	(D)	31 533	41 860	269	36 671	78 919	66 109
	bushels, 1982	(D)	4 062 764	4 698 905	32 268	4 289 310	8 598 886	8 480 001
	1978	(D)	2 599 219	4 022 176	24 694	3 232 509	6 400 252	5 568 423
Wheat for grain	farms, 1982	–	231	229	1	186	295	371
	1978	2	172	184	1	122	254	318
	acres, 1982	–	10 436	5 772	(D)	7 466	10 434	18 831
	1978	(D)	6 309	3 715	(D)	3 907	7 653	12 592
	bushels, 1982	–	391 311	289 028	(D)	241 912	405 297	748 021
	1978	(D)	239 191	174 798	(D)	129 540	251 467	496 433

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
LIVESTOCK AND POULTRY								
Cattle and calves inventory	farms, 1982	190	55	46	95	95	416	1
	1978	214	51	39	101	89	400	-
	number, 1982	11 156	4 122	4 730	6 429	12 101	37 815	(D)
	1978	13 333	3 940	3 453	6 309	9 354	33 965	-
Cows and heifers that had calved	farms, 1982	135	49	42	89	79	290	-
	1978	161	46	36	90	74	291	-
	number, 1982	4 821	2 024	2 296	3 235	4 817	16 082	-
	1978	5 976	1 776	2 026	3 093	3 900	14 322	-
Beef cows	farms, 1982	79	15	21	35	33	78	-
	1978	102	13	19	29	28	60	-
	number, 1982	2 284	429	555	941	1 868	1 119	-
	1978	3 036	212	665	858	1 334	1 112	-
Milk cows	farms, 1982	62	37	25	68	57	222	-
	1978	71	36	23	73	53	236	-
	number, 1982	2 537	1 595	1 741	2 294	2 949	14 963	-
	1978	2 940	1 564	1 361	2 235	2 566	13 210	-
Heifers and heifer calves	farms, 1982	131	50	42	88	84	291	1
	number, 1982	3 035	1 561	1 716	2 301	4 116	12 830	(D)
Steers, steer calves, bulls, and bull calves	farms, 1982	168	49	38	75	84	355	1
	number, 1982	3 300	537	718	893	3 168	8 903	(D)
Cattle and calves sold	farms, 1982	173	54	47	97	93	405	2
	1978	212	51	37	101	92	395	-
	number, 1982	6 362	1 563	1 823	2 545	5 244	13 625	(D)
	1978	7 563	1 720	1 221	2 837	4 770	16 668	-
Calves	farms, 1982	67	38	29	75	45	191	-
	number, 1982	2 027	629	892	1 116	996	4 090	-
Cattle	farms, 1982	162	51	40	91	88	374	2
	1978	188	49	32	95	85	360	-
	number, 1982	4 335	934	931	1 429	4 248	9 535	(D)
	1978	5 052	1 022	571	1 654	3 650	11 926	-
Fattened on grains and concentrates	farms, 1982	97	12	7	14	22	163	-
	number, 1982	3 134	241	94	141	1 095	4 486	-
Hogs and pigs inventory	farms, 1982	214	8	6	16	25	148	-
	1978	241	7	10	7	22	129	-
	number, 1982	149 294	798	120	549	5 626	27 940	-
	1978	120 956	380	612	570	5 642	22 136	-
Used or to be used for breeding	farms, 1982	186	7	2	11	16	117	-
	1978	217	6	8	6	19	105	-
	number, 1982	34 806	138	(D)	122	1 176	3 299	-
	1978	30 652	65	138	82	1 516	2 743	-
Other	farms, 1982	192	7	6	10	22	143	-
	1978	221	6	10	7	19	124	-
	number, 1982	114 488	660	(D)	427	4 450	24 641	-
	1978	90 304	315	474	488	4 126	19 393	-
Hogs and pigs sold	farms, 1982	231	9	5	15	24	158	-
	1978	259	6	9	8	21	131	-
	number, 1982	225 899	829	311	1 056	7 889	41 384	-
	1978	186 315	575	899	644	6 707	29 619	-
Feeder pigs	farms, 1982	60	-	-	6	11	27	-
	1978	74	1	3	5	7	16	-
	number, 1982	27 794	-	-	346	2 307	4 011	-
	1978	19 951	(D)	405	(D)	2 557	1 959	-
Sheep and lambs inventory	farms, 1982	39	3	1	11	7	25	-
	1978	24	1	2	9	5	29	-
	number, 1982	2 103	(D)	(D)	835	1 112	2 993	-
	1978	1 293	(D)	(D)	736	1 108	2 845	-
Sheep and lambs sold	farms, 1982	35	2	1	10	6	20	-
	1978	23	1	2	7	6	30	-
	number, 1982	1 294	(D)	(D)	624	805	2 958	-
	1978	955	(D)	(D)	418	962	2 229	-
Hens and pullets of laying age inventory	farms, 1982	26	6	9	14	5	33	-
	1978	33	9	5	13	5	44	-
	number, 1982	(D)	(D)	737	(D)	104	(D)	-
	1978	(D)	(D)	220	(D)	196	(D)	-
Broilers and other meat-type chickens sold	farms, 1982	4	-	-	-	-	4	-
	1978	6	-	1	1	-	3	-
	number, 1982	420	-	-	-	-	227	-
	1978	(D)	-	(D)	(D)	-	(D)	-
CROPS HARVESTED								
Corn for grain or seed	farms, 1982	456	41	19	5	65	668	-
	1978	463	45	15	4	66	617	-
	acres, 1982	69 372	2 565	909	(D)	5 900	57 930	-
	1978	59 764	2 307	1 062	(D)	4 940	47 766	-
	bushels, 1982	7 222 845	184 518	64 660	(D)	426 964	6 616 518	-
	1978	5 543 536	200 112	58 425	(D)	356 694	3 807 555	-
Wheat for grain	farms, 1982	190	13	16	15	45	488	-
	1978	161	2	5	12	32	396	-
	acres, 1982	7 419	238	637	258	1 761	18 802	-
	1978	5 723	(D)	138	459	670	11 855	-
	bushels, 1982	239 868	8 605	24 645	9 454	87 934	715 935	-
	1978	202 118	(D)	3 120	11 255	25 002	511 175	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item			Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms,	1982	94	42	304	45	154	117	12
		1978	91	37	272	55	131	87	12
	number,	1982	7 168	2 864	19 740	4 816	16 034	6 859	(D)
		1978	6 922	2 301	16 971	4 604	14 105	5 430	(D)
Cows and heifers that had calved	farms,	1982	86	41	240	42	104	97	12
		1978	88	37	227	50	87	79	11
	number,	1982	3 619	1 518	8 624	2 140	5 324	2 466	(D)
		1978	3 916	1 316	7 789	2 124	4 318	2 548	(D)
Beef cows	farms,	1982	32	15	111	20	57	46	4
		1978	36	14	117	23	41	41	4
	number,	1982	1 031	(D)	2 709	984	924	761	(D)
		1978	1 504	283	2 486	836	1 216	907	(D)
Milk cows	farms,	1982	65	29	147	27	52	57	10
		1978	61	28	133	34	52	44	9
	number,	1982	2 588	(D)	5 915	1 156	4 400	1 705	171
		1978	2 412	1 033	5 303	1 288	3 102	1 641	166
Heifers and heifer calves	farms,	1982	80	38	261	43	88	97	12
	number,	1982	2 482	1 148	6 793	1 804	3 165	1 944	(D)
Steers, steer calves, bulls, and bull calves	farms,	1982	79	30	267	37	130	105	7
	number,	1982	1 067	198	4 323	872	7 545	2 449	(D)
Cattle and calves sold	farms,	1982	92	42	295	46	145	121	12
		1978	93	37	279	56	130	87	12
	number,	1982	2 765	915	8 298	1 473	11 146	2 937	192
		1978	3 246	807	7 843	1 701	11 066	2 646	333
Calves	farms,	1982	66	37	153	38	65	47	11
	number,	1982	1 246	569	2 165	590	1 263	673	101
Cattle	farms,	1982	91	35	280	44	134	111	11
		1978	85	30	258	53	125	86	11
	number,	1982	1 519	346	6 133	883	9 883	2 264	91
		1978	1 518	275	5 340	1 054	9 869	1 999	189
Fattened on grains and concentrates	farms,	1982	16	6	108	4	76	44	1
	number,	1982	282	41	3 096	60	8 075	1 162	(D)
Hogs and pigs inventory	farms,	1982	13	6	85	5	42	35	1
		1978	9	4	98	2	44	27	-
	number,	1982	1 114	154	18 257	(D)	11 424	2 877	(D)
		1978	141	25	16 855	(D)	7 073	1 385	-
Used or to be used for breeding	farms,	1982	6	4	57	2	29	27	-
		1978	7	2	83	-	30	18	-
	number,	1982	(D)	(D)	2 164	(D)	997	409	-
		1978	43	(D)	2 223	-	863	247	-
Other	farms,	1982	11	6	80	5	41	31	1
		1978	8	2	94	2	44	23	-
	number,	1982	(D)	(D)	16 093	(D)	10 427	2 468	(D)
		1978	98	(D)	14 632	(D)	6 210	1 138	-
Hogs and pigs sold	farms,	1982	12	4	85	4	50	39	-
		1978	8	3	97	-	42	25	1
	number,	1982	1 523	(D)	26 291	377	19 347	4 814	-
		1978	258	36	22 739	-	10 602	2 291	(D)
Feeder pigs	farms,	1982	4	1	26	2	13	20	-
		1978	5	1	34	-	14	7	-
	number,	1982	(D)	(D)	6 935	(D)	2 638	2 579	-
		1978	149	(D)	4 991	-	2 089	466	-
Sheep and lambs inventory	farms,	1982	1	1	34	2	17	7	-
		1978	-	-	33	1	13	9	-
	number,	1982	(D)	(D)	2 336	(D)	559	253	-
		1978	-	-	2 639	(D)	677	324	-
Sheep and lambs sold	farms,	1982	1	1	34	1	17	7	-
		1978	-	-	32	1	13	8	-
	number,	1982	(D)	(D)	2 356	(D)	343	226	-
		1978	-	-	2 549	(D)	525	196	-
Hens and pullets of laying age inventory	farms,	1982	11	2	38	5	28	18	-
		1978	10	5	36	5	24	10	-
	number,	1982	(D)	(D)	51 709	440	(D)	1 381	-
		1978	476	(D)	30 832	82	60 381	(D)	-
Broilers and other meat-type chickens sold	farms,	1982	-	-	2	-	2	1	-
		1978	2	-	-	-	2	1	-
	number,	1982	-	-	(D)	-	(D)	(D)	-
		1978	(D)	-	-	-	(D)	(D)	-
CROPS HARVESTED									
Corn for grain or seed	farms,	1982	26	10	575	24	271	108	1
		1978	23	12	532	25	247	99	-
	acres,	1982	1 340	(D)	60 494	1 617	42 692	8 412	(D)
		1978	1 049	(D)	50 863	1 579	33 326	7 984	-
	bushels,	1982	108 770	(D)	6 526 380	119 850	4 122 978	603 731	(D)
		1978	83 615	(D)	4 645 998	124 240	2 140 547	543 577	-
Wheat for grain	farms,	1982	7	-	439	4	103	72	-
		1978	3	-	362	4	127	27	-
	acres,	1982	262	-	22 641	28	4 001	2 639	-
		1978	(D)	-	16 207	25	5 579	875	-
	bushels,	1982	10 575	-	1 010 865	710	147 941	116 917	-
		1978	(D)	-	696 358	1 140	245 405	35 623	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For maaning of abbraviations and symbols, see introductory text]

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LIVESTOCK AND POULTRY									
Cattle and calvas invantory	farms, 1982	61	285	343	37	672	267	401	60
	1978	59	283	326	47	671	269	403	51
	number, 1982	5 179	26 269	29 130	1 737	75 417	23 786	35 406	8 858
	1978	3 690	25 752	27 086	2 125	68 899	24 245	33 330	6 815
Cows and heifers that had calved	farms, 1982	45	200	235	34	462	205	278	52
	1978	40	203	246	46	467	221	312	44
	number, 1982	1 973	10 799	11 936	938	22 106	10 956	14 587	3 153
	1978	1 328	8 591	11 804	1 204	19 720	11 237	15 252	2 733
Beef cows	farms, 1982	24	56	71	5	75	66	83	29
	1978	20	64	88	13	85	69	85	25
	number, 1982	635	2 098	2 239	40	2 824	1 204	1 430	1 674
	1978	342	1 453	1 956	151	3 365	1 431	2 336	1 575
Milk cows	farms, 1982	24	152	176	34	410	153	208	29
	1978	23	149	173	38	408	169	246	26
	number, 1982	1 338	8 701	9 697	898	19 282	9 752	13 157	1 479
	1978	986	7 138	9 848	1 053	16 355	9 806	12 916	1 158
Heifers and heifer calves	farms, 1982	51	197	268	35	487	217	285	50
	number, 1982	1 886	8 635	9 612	637	15 764	9 162	12 081	1 990
Steers, steer calves, bulls, and bull calves	farms, 1982	48	239	302	26	584	226	337	55
	number, 1982	1 320	6 835	7 582	162	37 547	3 668	8 738	3 715
Cattle and calves sold	farms, 1982	62	270	332	37	672	267	393	60
	1978	62	282	317	47	676	261	399	54
	number, 1982	2 286	15 052	15 445	673	52 087	8 069	12 854	5 318
	1978	1 838	17 427	15 259	916	52 944	9 897	14 149	3 684
Calvas	farms, 1982	28	144	158	32	227	131	165	31
	number, 1982	548	2 572	3 299	323	3 969	2 810	3 650	380
Cattle	farms, 1982	60	242	306	36	626	255	361	53
	1978	56	264	289	38	608	240	338	49
	number, 1982	1 738	12 480	12 146	350	48 118	5 259	9 204	4 938
	1978	1 374	14 876	11 484	431	47 958	6 608	8 679	3 227
Fattaned on grains and concentrates	farms, 1982	31	106	137	1	321	99	169	19
	number, 1982	918	9 315	7 676	(D)	41 573	1 750	4 768	(D)
Hogs and pigs inventory	farms, 1982	22	94	145	1	120	86	112	13
	1978	13	90	174	2	144	93	118	10
	number, 1982	2 655	17 067	35 624	(D)	33 678	22 353	24 812	2 070
	1978	1 626	14 168	35 854	(D)	21 609	22 746	22 294	(D)
Used or to be used for breeding	farms, 1982	13	55	101	1	56	64	73	9
	1978	7	64	130	-	83	73	90	7
	number, 1982	273	1 659	4 151	(D)	2 932	2 327	3 580	273
	1978	294	1 701	4 525	-	2 754	2 866	3 510	212
Other	farms, 1982	22	89	136	1	119	79	104	12
	1978	13	81	163	2	138	85	115	9
	number, 1982	2 382	15 408	31 473	(D)	30 746	20 026	21 232	1 797
	1978	1 332	12 467	31 329	(D)	18 855	19 880	18 784	(D)
Hogs and pigs sold	farms, 1982	22	98	152	1	124	86	120	11
	1978	12	95	178	-	135	97	121	7
	number, 1982	3 035	25 654	69 425	(D)	62 166	34 855	35 732	2 851
	1978	3 043	23 250	52 772	-	37 173	31 948	32 103	(D)
Feeder pigs	farms, 1982	3	16	59	1	28	21	26	6
	1978	4	24	56	-	39	23	22	4
	number, 1982	(D)	3 737	18 973	(D)	19 232	3 047	2 780	561
	1978	(D)	3 711	12 249	-	11 882	2 210	4 778	(D)
Sheep and lambs inventory	farms, 1982	-	19	41	-	8	23	22	5
	1978	-	19	28	3	2	19	15	3
	number, 1982	-	494	2 714	-	84	4 443	1 724	326
	1978	-	451	1 405	(D)	(D)	1 372	1 270	168
Sheep and lambs sold	farms, 1982	1	16	38	-	9	24	21	5
	1978	-	17	31	3	2	20	14	3
	number, 1982	(D)	402	1 812	-	67	2 912	1 426	177
	1978	-	332	977	(D)	(D)	1 006	1 189	112
Hens and pullats of laying age inventory	farms, 1982	10	25	38	4	64	34	33	4
	1978	12	37	47	6	81	27	26	6
	number, 1982	(D)	(D)	(D)	10 650	1 261 602	19 301	(D)	(D)
	1978	(D)	(D)	118 585	(D)	(D)	52 746	(D)	149
Broilers and other meat-type chickans sold	farms, 1982	-	3	10	-	13	8	5	1
	1978	-	3	6	1	7	2	2	-
	number, 1982	-	(D)	1 894	-	1 765	510	755	(D)
	1978	-	(D)	1 295	(D)	1 105	(D)	(D)	-
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	58	633	615	6	1 058	426	571	51
	1978	56	640	606	5	1 001	421	557	47
	acres, 1982	6 489	68 201	89 734	112	109 275	71 884	63 091	6 246
	1978	5 279	66 621	76 345	157	86 345	70 986	52 805	3 837
	bushels, 1982	421 625	8 023 111	8 851 905	10 440	11 524 360	7 600 471	7 309 074	436 613
	1978	379 560	5 977 621	5 743 203	15 058	7 383 217	6 189 177	4 475 919	274 837
Wheat for grain	farms, 1982	34	364	348	-	620	247	397	26
	1978	23	240	252	-	447	222	335	14
	acres, 1982	1 469	13 866	12 910	-	21 862	15 278	19 830	870
	1978	639	7 422	6 717	-	12 877	8 782	12 779	487
	bushels, 1982	45 705	657 391	476 548	-	1 088 839	654 300	771 786	39 832
	1978	16 414	326 866	242 181	-	655 370	393 514	550 059	19 240

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	25	290	263	165	18	363	-	23
	1978	18	284	254	182	18	363	-	20
	number, 1982	1 606	31 650	29 769	15 961	881	34 754	-	1 379
	1978	1 172	29 384	29 903	17 180	1 001	33 160	-	1 089
Cows and heifers that had calved	farms, 1982	23	244	211	114	12	286	-	18
	1978	18	223	198	125	17	296	-	19
	number, 1982	1 071	12 254	10 576	4 829	404	15 039	-	680
	1978	729	10 602	10 903	4 701	592	15 872	-	569
Beef cows	farms, 1982	16	77	109	65	5	88	-	8
	1978	9	59	83	67	4	84	-	6
	number, 1982	804	1 288	2 823	1 367	68	1 603	-	183
	1978	426	960	2 941	1 140	85	2 745	-	113
Milk cows	farms, 1982	13	189	109	52	10	212	-	14
	1978	12	179	126	62	14	231	-	15
	number, 1982	267	10 966	7 753	3 462	336	13 436	-	497
	1978	303	9 642	7 962	3 561	507	13 127	-	456
Heifers and heifer calves	farms, 1982	21	234	202	114	16	299	-	19
	number, 1982	373	9 136	8 541	4 635	328	12 346	-	476
Steers, steer calves, bulls, and bull calves	farms, 1982	23	240	224	142	15	291	-	19
	number, 1982	162	10 260	10 652	6 497	149	7 369	-	223
Cattle and calves sold	farms, 1982	25	297	266	156	21	368	-	22
	1978	18	284	257	183	19	359	-	20
	number, 1982	914	14 439	16 392	9 687	378	13 975	-	464
	1978	498	18 160	23 004	13 089	534	16 027	-	397
Calves	farms, 1982	16	142	120	60	7	200	-	15
	number, 1982	432	2 435	2 390	961	111	4 763	-	194
Cattle	farms, 1982	19	270	243	146	19	332	-	22
	1978	13	259	238	170	16	331	-	18
	number, 1982	482	12 004	14 002	8 726	267	9 212	-	270
	1978	237	14 979	19 387	12 061	444	9 921	-	220
Fattened on grains and concentrates	farms, 1982	2	98	127	70	8	139	-	6
	number, 1982	(D)	7 838	10 404	4 539	42	4 302	-	88
Hogs and pigs inventory	farms, 1982	3	73	114	93	7	84	-	4
	1978	1	81	106	106	4	99	-	1
	number, 1982	(D)	14 568	16 333	29 030	(D)	15 577	-	(D)
	1978	(D)	15 440	10 934	27 320	(D)	14 000	-	(D)
Used or to be used for breeding	farms, 1982	1	60	77	70	6	64	-	3
	1978	-	64	77	75	2	67	-	1
	number, 1982	(D)	1 696	1 745	4 413	232	2 330	-	(D)
	1978	-	2 357	1 756	4 484	(D)	1 885	-	(D)
Other	farms, 1982	3	70	109	90	7	83	-	4
	1978	1	76	97	102	4	94	-	1
	number, 1982	(D)	12 872	14 588	24 617	(D)	13 247	-	(D)
	1978	(D)	13 083	9 178	22 836	(D)	12 115	-	(D)
Hogs and pigs sold	farms, 1982	2	70	118	102	8	85	-	4
	1978	-	81	111	105	2	100	-	1
	number, 1982	(D)	25 966	24 641	47 358	(D)	25 843	-	61
	1978	-	24 820	17 153	36 508	(D)	22 775	-	(D)
Feeder pigs	farms, 1982	1	19	34	26	4	30	-	1
	1978	-	23	24	25	1	34	-	1
	number, 1982	(D)	8 717	3 499	12 628	(D)	6 317	-	(D)
	1978	-	9 481	3 230	7 370	(D)	5 952	-	(D)
Sheep and lambs inventory	farms, 1982	2	4	38	10	-	14	-	1
	1978	1	5	31	11	-	7	-	1
	number, 1982	(D)	(D)	5 173	1 029	-	878	-	(D)
	1978	(D)	44	3 467	1 002	-	389	-	(D)
Sheep and lambs sold	farms, 1982	2	1	37	10	2	15	-	1
	1978	1	5	28	11	-	7	-	1
	number, 1982	(D)	(D)	5 832	575	(D)	718	-	(D)
	1978	(D)	35	4 375	683	-	248	-	(D)
Hens and pullets of laying age inventory	farms, 1982	4	23	39	30	4	33	-	4
	1978	4	26	41	29	2	33	-	5
	number, 1982	608	(D)	(D)	157 879	92	(D)	-	(D)
	1978	(D)	(D)	9 006	(D)	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold	farms, 1982	-	-	4	5	-	2	-	-
	1978	-	2	1	3	1	3	-	-
	number, 1982	-	-	479	387	-	(D)	-	-
	1978	-	(D)	(D)	84	(D)	(D)	-	-
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	-	398	447	297	20	483	-	18
	1978	1	407	365	320	19	456	-	13
	acres, 1982	-	38 114	73 403	50 545	1 563	53 310	-	833
	1978	(D)	38 637	64 074	50 376	1 564	47 587	-	453
	bushels, 1982	-	3 151 298	6 964 200	5 150 281	68 758	5 270 966	-	70 311
	1978	(D)	2 755 197	5 113 037	4 338 833	124 473	4 226 095	-	33 106
Wheat for grain	farms, 1982	1	258	251	198	15	225	-	11
	1978	-	155	165	193	7	142	-	3
	acres, 1982	(D)	8 772	10 603	14 243	828	7 749	-	258
	1978	-	3 902	6 742	10 453	413	5 265	-	97
	bushels, 1982	(D)	393 262	417 014	575 246	30 380	317 096	-	8 562
	1978	-	164 792	268 132	403 097	6 395	206 709	-	1 510

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	340	60	266	206	7	38	136	31
	1978	327	75	307	201	6	33	129	30
	number, 1982	30 820	4 740	29 892	21 428	874	3 500	8 907	1 424
	1978	28 430	5 151	28 866	18 191	975	2 994	8 256	1 378
Cows and heifers that had calved	farms, 1982	272	41	151	159	5	38	114	27
	1978	268	47	175	165	4	32	115	27
	number, 1982	12 061	1 250	9 786	8 273	152	1 767	3 511	684
	1978	11 106	1 287	9 126	7 738	183	1 552	3 693	614
Beef cows	farms, 1982	77	16	47	59	5	10	52	20
	1978	64	21	56	52	4	7	44	19
	number, 1982	1 432	246	1 608	1 089	152	430	617	451
	1978	829	272	1 163	1 046	183	376	534	393
Milk cows	farms, 1982	215	28	109	109	-	30	71	9
	1978	224	37	127	123	-	26	80	10
	number, 1982	10 629	1 004	8 178	7 184	-	1 337	2 894	233
	1978	10 277	1 015	7 963	6 692	-	1 176	3 159	221
Heifers and heifer calves	farms, 1982	276	45	180	170	6	38	98	22
	number, 1982	9 240	930	8 590	6 985	182	1 265	2 587	265
Steers, steer calves, bulls, and bull calves	farms, 1982	275	51	237	182	7	32	94	29
	number, 1982	9 519	2 560	11 516	6 170	540	468	2 809	475
Cattle and calves sold	farms, 1982	335	60	253	194	8	38	130	31
	1978	324	68	308	202	7	33	125	29
	number, 1982	15 019	3 718	17 808	11 945	927	1 294	5 418	852
	1978	16 738	4 531	21 823	10 473	(D)	1 028	5 711	618
Calves	farms, 1982	186	27	103	107	2	26	67	9
	number, 1982	3 295	422	3 698	2 882	(D)	551	1 014	182
Cattle	farms, 1982	320	57	233	180	8	36	119	29
	1978	306	64	283	189	6	30	111	28
	number, 1982	11 724	3 296	14 110	9 063	(D)	743	4 404	670
	1978	13 003	3 969	19 022	7 187	(D)	648	4 268	541
Fattened on grains and concentrates	farms, 1982	122	22	131	57	-	1	46	10
	number, 1982	8 323	2 396	11 150	6 075	-	(D)	3 241	314
Hogs and pigs inventory	farms, 1982	83	17	150	45	3	-	24	8
	1978	56	16	184	48	2	2	30	7
	number, 1982	11 952	933	36 898	5 390	238	-	2 848	336
	1978	7 598	1 617	41 143	6 696	(D)	(D)	1 832	650
Used or to be used for breeding	farms, 1982	55	5	96	35	3	-	12	4
	1978	40	9	104	37	2	-	17	3
	number, 1982	1 696	(D)	3 810	739	(D)	-	390	25
	1978	1 038	(D)	3 941	897	(D)	-	278	61
Other	farms, 1982	77	17	143	40	3	-	23	7
	1978	53	15	174	47	2	2	25	7
	number, 1982	10 256	(D)	33 088	4 651	(D)	-	2 458	311
	1978	6 560	(D)	37 202	5 799	(D)	(D)	1 554	589
Hogs and pigs sold	farms, 1982	81	21	165	47	3	-	26	9
	1978	58	17	196	51	2	1	28	9
	number, 1982	18 345	1 605	63 521	8 831	(D)	-	4 377	351
	1978	9 898	2 856	67 222	9 637	(D)	(D)	5 158	794
Feeder pigs	farms, 1982	20	5	42	13	1	-	6	4
	1978	20	6	38	14	1	-	8	3
	number, 1982	3 393	(D)	14 633	2 182	(D)	-	1 483	63
	1978	1 742	(D)	11 138	2 232	(D)	-	1 981	340
Sheep and lambs inventory	farms, 1982	25	2	49	24	-	1	10	1
	1978	13	-	39	18	-	1	6	1
	number, 1982	1 662	(D)	2 711	1 086	-	(D)	382	(D)
	1978	802	-	2 850	1 608	-	(D)	220	(D)
Sheep and lambs sold	farms, 1982	21	-	46	25	-	-	8	1
	1978	14	-	37	19	-	-	6	1
	number, 1982	768	-	3 382	1 032	-	-	164	(D)
	1978	574	-	3 063	1 026	-	-	129	(D)
Hens and pullets of laying age inventory	farms, 1982	35	10	45	23	-	6	27	8
	1978	41	13	46	28	1	5	31	6
	number, 1982	7 440	(D)	(D)	(D)	-	718	(D)	390
	1978	10 655	(D)	65 067	(D)	(D)	618	29 643	205
Broilers and other meat-type chickens sold	farms, 1982	7	1	2	1	-	-	7	-
	1978	5	-	2	1	-	-	1	1
	number, 1982	590	(D)	(D)	(D)	-	-	2 745	-
	1978	740	-	(D)	(D)	-	-	(D)	(D)
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	429	52	833	260	-	-	179	21
	1978	366	57	860	246	-	4	198	22
	acres, 1982	52 867	3 628	130 984	35 289	-	-	15 275	1 539
	1978	42 402	2 431	108 925	27 773	-	(D)	15 314	897
	bushels, 1982	5 097 798	282 132	14 180 777	3 458 761	-	-	1 353 338	94 524
	1978	2 796 974	163 752	9 545 893	1 915 220	-	(D)	974 438	58 616
Wheat for grain	farms, 1982	167	17	557	153	-	5	91	9
	1978	147	14	605	136	-	5	104	6
	acres, 1982	5 922	324	26 771	5 815	-	(D)	2 381	357
	1978	5 238	184	22 963	4 413	-	(D)	2 707	83
	bushels, 1982	224 367	9 570	1 065 478	229 369	-	(D)	82 049	12 341
	1978	229 146	3 296	1 042 645	180 726	-	(D)	107 641	1 171

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	13	112	192	206	47	193	152	311
	1978	19	94	144	206	58	174	147	267
	number, 1982	1 179	10 480	16 423	18 952	7 577	22 229	8 719	23 139
	1978	1 254	8 385	11 429	16 536	5 959	18 678	7 872	17 648
Cows and heifers that had calved	farms, 1982	13	90	175	196	35	184	62	246
	1978	18	75	133	199	47	164	58	217
	number, 1982	571	3 947	7 117	8 878	988	10 828	1 624	10 814
	1978	761	3 433	5 580	8 695	1 236	9 316	1 385	8 901
Beef cows	farms, 1982	3	23	59	32	24	23	28	55
	1978	6	11	31	30	28	11	20	39
	number, 1982	(D)	227	1 154	804	378	256	439	579
	1978	65	497	698	1 005	430	(D)	114	476
Milk cows	farms, 1982	13	76	134	177	16	170	36	205
	1978	15	70	111	183	25	155	39	192
	number, 1982	(D)	3 720	5 963	8 074	610	10 572	1 185	10 235
	1978	696	2 936	4 882	7 690	806	(D)	1 271	8 425
Heifers and heifer calves	farms, 1982	11	89	176	194	31	181	78	263
	number, 1982	487	3 572	6 538	7 894	2 709	9 226	1 261	8 250
Steers, steer calves, bulls, and bull calves	farms, 1982	13	86	165	142	42	138	129	250
	number, 1982	121	2 961	2 768	2 180	3 880	2 175	5 834	4 075
Cattle and calves sold	farms, 1982	15	114	192	202	46	194	144	307
	1978	19	96	146	211	58	175	139	271
	number, 1982	370	4 808	11 123	5 569	7 208	7 468	11 782	7 377
	1978	386	4 574	3 523	6 206	5 878	6 892	8 600	6 259
Calves	farms, 1982	11	73	106	150	18	154	43	165
	number, 1982	111	1 354	1 585	2 677	314	3 399	(D)	2 595
Cattle	farms, 1982	15	103	179	193	43	173	132	280
	1978	15	93	133	187	55	162	130	250
	number, 1982	259	3 454	9 538	2 892	6 894	4 069	(D)	4 782
	1978	150	3 788	2 029	2 727	5 516	3 530	7 761	3 660
Fattened on grains and concentrates	farms, 1982	3	41	48	24	20	19	97	98
	number, 1982	(D)	2 229	(D)	511	6 542	338	6 059	1 547
Hogs and pigs inventory	farms, 1982	3	18	34	13	26	16	96	63
	1978	2	9	24	19	35	21	111	66
	number, 1982	355	1 656	3 594	477	4 465	2 911	19 656	9 318
	1978	(D)	835	2 160	602	3 766	1 591	16 443	6 245
Used or to be used for breeding	farms, 1982	3	13	25	9	18	7	57	43
	1978	2	8	13	12	28	11	66	51
	number, 1982	(D)	282	536	168	492	779	1 809	1 653
	1978	(D)	118	352	134	543	510	1 562	1 118
Other	farms, 1982	3	18	30	11	26	16	95	61
	1978	2	9	23	17	31	20	104	62
	number, 1982	(D)	1 374	3 058	309	3 973	2 132	17 847	7 665
	1978	(D)	717	1 808	468	3 223	1 081	14 881	5 127
Hogs and pigs sold	farms, 1982	3	19	32	10	26	12	102	65
	1978	2	11	23	15	32	18	112	67
	number, 1982	476	5 105	7 285	1 480	6 731	9 680	32 598	15 241
	1978	(D)	1 523	4 149	1 312	5 943	5 063	21 886	9 061
Feeder pigs	farms, 1982	3	6	11	9	7	7	22	20
	1978	-	4	5	8	12	10	26	28
	number, 1982	476	2 562	2 782	992	2 202	8 348	5 392	5 056
	1978	-	(D)	(D)	940	1 704	3 779	4 586	3 534
Sheep and lambs inventory	farms, 1982	-	7	5	3	3	8	15	11
	1978	-	7	-	4	6	1	16	8
	number, 1982	-	(D)	(D)	30	(D)	527	555	613
	1978	-	769	-	44	(D)	(D)	412	126
Sheep and lambs sold	farms, 1982	-	5	4	3	3	5	13	10
	1978	-	6	-	3	3	1	15	6
	number, 1982	-	652	37	(D)	(D)	236	300	380
	1978	-	368	-	(D)	(D)	(D)	279	129
Hens and pullets of laying age inventory	farms, 1982	1	11	15	19	5	12	57	48
	1978	-	12	15	20	15	11	68	37
	number, 1982	(D)	12 761	837	(D)	294	(D)	97 111	7 590
	1978	-	22 331	(D)	(D)	(D)	(D)	101 247	(D)
Broilers and other meat-type chickens sold	farms, 1982	-	1	3	1	-	1	14	2
	1978	-	-	1	-	4	3	8	4
	number, 1982	-	(D)	185	(D)	-	(D)	15 835	(D)
	1978	-	-	(D)	-	571	(D)	(D)	(D)
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	-	123	196	92	163	112	589	454
	1978	1	119	152	108	175	129	559	414
	acres, 1982	-	11 392	15 705	6 918	21 198	7 115	70 419	51 311
	1978	(D)	11 398	12 025	6 291	19 422	6 188	54 850	36 604
	bushels, 1982	-	1 031 479	1 317 306	501 629	2 248 494	530 760	7 486 007	5 098 420
	1978	(D)	779 335	823 968	439 378	1 785 173	433 598	4 658 280	2 732 415
Wheat for grain	farms, 1982	-	103	102	4	80	35	295	300
	1978	-	64	58	3	51	15	373	217
	acres, 1982	-	4 483	3 295	48	2 906	765	10 650	18 058
	1978	-	1 834	1 527	(D)	1 189	341	12 817	10 346
	bushels, 1982	-	180 901	121 263	2 000	155 575	35 950	363 033	715 601
	1978	-	54 796	49 065	5 051	54 884	10 483	515 758	341 570

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	31	123	212	65	154	106	32	185
	1978	25	102	199	59	138	95	34	160
	number, 1982	2 530	11 833	19 727	4 641	11 519	12 189	2 407	18 434
	1978	2 282	10 496	15 527	4 802	9 509	10 251	2 428	14 376
Cows and heifers that had calved	farms, 1982	30	99	183	50	106	93	28	176
	1978	24	88	176	52	95	83	31	154
	number, 1982	1 441	4 712	8 848	2 202	3 820	4 781	1 179	9 435
	1978	1 213	3 989	7 760	2 079	3 279	4 282	1 308	7 684
Beef cows	farms, 1982	6	25	39	31	50	28	10	41
	1978	6	17	26	29	37	19	14	36
	number, 1982	130	184	509	1 123	934	589	513	1 425
	1978	148	253	499	740	1 065	488	678	845
Milk cows	farms, 1982	26	83	155	28	68	77	21	144
	1978	22	80	159	34	64	70	21	132
	number, 1982	1 311	4 528	8 339	1 079	2 886	4 192	666	8 010
	1978	1 065	3 736	7 261	1 339	2 214	3 794	630	6 839
Heifers and heifer calves	farms, 1982	28	104	193	51	115	95	28	170
	number, 1982	945	3 898	7 062	1 657	3 247	5 020	760	6 820
Steers, steer calves, bulls, and bull calves	farms, 1982	23	99	148	53	135	93	26	151
	number, 1982	144	3 223	3 817	782	4 452	2 388	468	2 179
Cattle and calves sold	farms, 1982	30	123	214	61	147	108	32	188
	1978	26	101	201	60	137	104	35	166
	number, 1982	826	4 922	7 079	1 813	7 092	3 641	1 046	5 767
	1978	896	5 887	5 336	2 796	5 219	3 879	1 054	4 980
Calves	farms, 1982	25	73	147	37	74	59	17	132
	number, 1982	476	1 172	2 677	695	3 128	1 365	303	2 547
Cattle	farms, 1982	26	113	177	57	133	99	32	166
	1978	25	92	178	55	125	94	33	145
	number, 1982	350	3 750	4 402	1 118	3 964	2 276	743	3 220
	1978	538	4 202	2 303	2 031	3 406	2 518	547	2 452
Fattened on grains and concentrates	farms, 1982	3	41	49	24	71	34	2	24
	number, 1982	(D)	2 652	2 154	507	2 719	1 048	(D)	270
Hogs and pigs inventory	farms, 1982	4	32	40	15	39	13	2	22
	1978	1	19	41	15	35	7	1	22
	number, 1982	(D)	4 105	7 526	1 991	4 266	552	(D)	2 460
	1978	(D)	1 845	5 966	1 570	2 292	166	(D)	2 993
Used or to be used for breeding	farms, 1982	3	24	25	10	28	5	1	15
	1978	1	9	26	9	18	5	-	16
	number, 1982	(D)	571	1 073	234	902	100	(D)	460
	1978	(D)	275	1 329	364	379	60	-	493
Other	farms, 1982	4	32	39	13	39	13	2	18
	1978	1	18	37	15	34	6	1	18
	number, 1982	(D)	3 534	6 453	1 757	3 364	452	(D)	2 000
	1978	(D)	1 570	4 637	1 206	1 913	106	(D)	2 500
Hogs and pigs sold	farms, 1982	5	33	41	13	40	10	2	16
	1978	1	18	39	18	37	7	-	18
	number, 1982	(D)	6 657	12 286	2 692	10 931	982	(D)	6 988
	1978	(D)	3 602	9 694	3 882	4 522	(D)	-	4 800
Feeder pigs	farms, 1982	-	19	16	7	21	3	1	8
	1978	-	7	18	4	12	4	-	9
	number, 1982	-	3 747	5 728	1 003	6 718	(D)	(D)	5 331
	1978	-	1 280	5 924	842	1 878	(D)	-	2 896
Sheep and lambs inventory	farms, 1982	1	4	10	8	4	2	1	5
	1978	-	1	4	6	2	3	1	4
	number, 1982	(D)	(D)	879	373	(D)	(D)	(D)	(D)
	1978	-	(D)	(D)	(D)	(D)	42	(D)	(D)
Sheep and lambs sold	farms, 1982	-	3	7	5	4	2	1	3
	1978	-	1	5	3	4	4	1	5
	number, 1982	-	(D)	770	393	(D)	(D)	(D)	(D)
	1978	-	(D)	(D)	(D)	(D)	(D)	(D)	85
Hens and pullets of laying age inventory	farms, 1982	7	11	25	12	22	12	3	13
	1978	3	8	24	16	21	11	2	24
	number, 1982	(D)	(D)	(D)	(D)	(D)	285	(D)	(D)
	1978	(D)	(D)	175 725	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1982	1	5	3	2	5	1	1	-
	1978	-	2	2	2	3	-	-	-
	number, 1982	(D)	1 240	(D)	(D)	819	(D)	(D)	-
	1978	-	(D)	(D)	(D)	(D)	-	-	-
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	13	137	243	76	162	64	-	100
	1978	16	120	221	81	147	76	1	101
	acres, 1982	872	18 753	21 003	14 742	10 255	4 695	-	5 525
	1978	1 383	16 032	15 391	11 786	7 357	4 903	(D)	5 099
	bushels, 1982	53 103	1 508 379	1 936 271	1 334 936	917 112	319 034	-	433 371
	1978	95 425	1 248 678	1 047 643	658 799	594 723	343 018	(D)	377 561
Wheat for grain	farms, 1982	10	56	72	48	70	36	1	38
	1978	3	31	27	49	35	21	5	31
	acres, 1982	547	1 858	1 326	2 565	1 808	1 043	(D)	1 126
	1978	69	733	495	2 454	922	475	96	574
	bushels, 1982	20 065	81 869	51 481	94 081	71 334	50 509	(D)	47 891
	1978	(D)	26 223	17 780	90 450	28 814	14 089	2 830	15 244

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item		Oscoda	Otsego	Ottawa	Presqua Isle	Roscommon	Saginaw	St. Clair	St. Joseph
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	38	41	440	83	1	254	237	234
	1978	29	33	415	94	1	270	251	259
	number, 1982	3 069	2 926	43 643	7 524	(D)	14 152	17 190	14 533
	1978	2 308	2 001	34 396	7 222	(D)	14 030	17 583	16 471
Cows and heifers that had calved	farms, 1982	36	31	334	73	1	153	197	163
	1978	26	28	343	86	1	180	211	200
	number, 1982	1 440	1 084	17 423	3 410	(D)	5 448	8 348	5 251
	1978	993	1 005	15 921	3 356	(D)	5 898	7 532	6 215
Beef cows	farms, 1982	7	8	91	33	1	51	72	73
	1978	5	17	90	44	1	49	65	81
	number, 1982	356	314	2 646	1 025	(D)	884	2 972	1 147
	1978	159	547	2 443	1 295	(D)	762	1 352	1 492
Milk cows	farms, 1982	30	24	258	45	-	107	134	106
	1978	24	13	269	55	-	139	164	140
	number, 1982	1 084	770	14 777	2 385	-	4 564	5 376	4 104
	1978	834	458	13 478	2 061	-	5 136	6 180	4 723
Heifers and heifer calves	farms, 1982	34	31	357	75	-	156	203	175
	number, 1982	992	572	14 639	2 333	-	4 112	5 080	4 946
Steers, steer calves, bulls, and bull calves	farms, 1982	35	36	335	75	1	209	184	206
	number, 1982	637	1 270	11 581	1 781	(D)	4 592	3 762	4 336
Cattle and calves sold	farms, 1982	38	41	435	84	1	243	244	231
	1978	30	37	419	95	2	269	254	255
	number, 1982	1 305	1 880	28 703	2 706	(D)	6 338	9 860	5 801
	1978	1 078	1 352	20 615	3 339	(D)	8 668	13 136	9 057
Calves	farms, 1982	31	22	270	46	1	85	142	79
	number, 1982	561	320	9 939	964	(D)	1 229	2 043	1 064
Cattle	farms, 1982	35	40	392	80	-	229	213	211
	1978	30	36	376	85	1	248	237	237
	number, 1982	744	1 560	18 764	1 742	-	5 109	7 817	4 737
	1978	680	1 077	14 801	2 185	(D)	5 693	10 517	7 028
Fattened on grains and concentrates	farms, 1982	8	7	169	27	-	141	84	119
	number, 1982	233	130	8 870	541	-	3 140	6 120	2 732
Hogs and pigs inventory	farms, 1982	6	2	144	13	-	73	55	198
	1978	6	2	150	13	-	91	41	226
	number, 1982	(D)	(D)	73 982	919	-	7 621	3 540	44 581
	1978	189	(D)	50 185	837	-	6 950	3 596	41 580
Used or to be used for breeding	farms, 1982	5	1	100	8	-	35	37	148
	1978	2	1	93	10	-	47	29	187
	number, 1982	47	(D)	8 111	151	-	939	648	7 700
	1978	(D)	(D)	5 956	77	-	702	576	7 864
Other	farms, 1982	5	2	141	13	-	73	53	179
	1978	5	2	139	13	-	86	40	206
	number, 1982	(D)	(D)	65 871	768	-	6 682	2 892	36 881
	1978	(D)	(D)	44 229	760	-	6 248	3 020	33 716
Hogs and pigs sold	farms, 1982	5	1	151	11	-	77	53	205
	1978	5	1	154	12	-	93	41	234
	number, 1982	(D)	(D)	135 085	1 958	-	10 015	8 532	70 995
	1978	181	(D)	83 979	804	-	11 522	5 162	58 318
Feeder pigs	farms, 1982	3	-	58	3	-	10	9	66
	1978	3	-	44	7	-	12	16	68
	number, 1982	(D)	-	29 439	(D)	-	1 509	4 329	13 753
	1978	(D)	-	23 966	313	-	1 016	1 935	14 725
Sheep and lambs inventory	farms, 1982	1	1	11	-	-	9	14	36
	1978	-	1	10	-	-	10	6	26
	number, 1982	(D)	(D)	394	-	-	783	479	1 776
	1978	-	(D)	263	-	-	689	38	1 307
Sheep and lambs sold	farms, 1982	2	1	12	-	-	4	14	31
	1978	1	1	10	-	-	10	7	30
	number, 1982	(D)	(D)	253	-	-	(D)	381	1 311
	1978	(D)	(D)	173	-	-	251	111	1 765
Hens and pullets of laying age inventory	farms, 1982	12	2	37	22	-	60	29	68
	1978	10	3	55	22	-	71	42	75
	number, 1982	(D)	(D)	982 789	(D)	-	33 235	(D)	(D)
	1978	(D)	74	725 670	(D)	-	36 241	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1982	-	-	8	-	-	6	4	7
	1978	2	-	11	1	-	10	5	18
	number, 1982	-	-	117 890	-	-	365	1 810	1 115
	1978	(D)	-	220 561	(D)	-	885	837	(D)
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	17	17	528	36	1	671	358	516
	1978	19	17	488	35	1	706	333	514
	acres, 1982	470	596	50 062	2 092	(D)	59 674	36 754	85 991
	1978	532	606	41 087	1 333	(D)	56 393	34 300	76 092
	bushels, 1982	33 680	40 991	5 400 823	142 950	(D)	6 953 561	3 390 134	9 607 216
	1978	35 151	31 328	3 469 967	93 738	(D)	4 836 859	2 022 553	7 310 546
Wheat for grain	farms, 1982	-	12	211	45	2	461	121	249
	1978	1	2	139	23	1	309	200	216
	acres, 1982	-	509	5 053	1 521	(D)	16 597	3 439	9 848
	1978	(D)	(D)	2 317	483	(D)	8 634	6 610	8 308
	bushels, 1982	-	16 160	215 537	68 723	(D)	846 118	131 847	333 079
	1978	(D)	(D)	73 852	12 483	(D)	429 171	243 670	266 448

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1982	700	11	281	286	181	307	7	43
	1978	736	16	277	291	175	325	15	40
	number, 1982	71 228	1 537	22 104	20 170	8 993	24 759	272	3 347
	1978	64 617	1 603	24 073	20 203	11 432	25 277	393	2 950
Cows and heifers that had calved	farms, 1982	596	9	213	210	124	200	6	41
	1978	629	15	224	209	131	225	7	39
	number, 1982	31 900	828	9 609	8 639	3 573	9 703	156	1 668
	1978	31 423	741	11 856	8 335	3 747	9 888	177	1 491
Beef cows	farms, 1982	86	7	64	84	70	87	5	7
	1978	98	11	56	69	70	91	5	7
	number, 1982	1 172	(D)	1 349	1 339	1 399	1 562	(D)	162
	1978	1 699	588	905	923	1 005	1 539	(D)	130
Milk cows	farms, 1982	538	2	156	145	65	126	2	35
	1978	571	5	179	157	77	157	4	34
	number, 1982	30 728	(D)	8 260	7 300	2 174	8 141	(D)	1 506
	1978	29 724	153	10 951	7 412	2 742	8 349	(D)	1 361
Heifers and heifer calves	farms, 1982	623	9	207	212	132	200	4	43
	number, 1982	26 471	295	7 471	6 532	2 503	7 300	28	1 175
Steers, steer calvas, bulls, and bull calves	farms, 1982	559	10	238	254	164	263	7	38
	number, 1982	12 857	414	5 024	4 999	2 917	7 756	88	504
Cattle and calves sold	farms, 1982	697	11	278	278	171	300	7	44
	1978	736	16	276	289	172	333	14	40
	number, 1982	25 074	938	7 944	7 280	5 511	12 530	150	1 135
	1978	25 995	742	9 982	9 617	8 340	14 614	270	1 030
Calves	farms, 1982	463	7	142	118	78	111	2	33
	number, 1982	9 400	385	2 503	1 998	2 699	2 564	(D)	488
Cattle	farms, 1982	632	11	257	263	153	282	7	38
	1978	653	14	252	262	158	308	14	35
	number, 1982	15 674	553	5 441	5 282	2 812	9 966	(D)	647
	1978	14 703	414	6 801	6 805	6 410	10 448	176	477
Fattened on grains and concentrates	farms, 1982	184	3	108	127	82	166	3	5
	number, 1982	7 077	30	2 871	2 537	2 017	7 002	36	108
Hogs and pigs inventory	farms, 1982	91	2	80	96	129	126	9	10
	1978	99	3	65	91	131	135	10	8
	number, 1982	10 115	(D)	11 822	17 706	53 838	22 151	506	2 367
	1978	9 553	(D)	9 219	15 017	29 692	13 060	1 236	467
Used or to be used for breeding	farms, 1982	59	2	61	44	103	93	5	8
	1978	69	2	52	58	99	97	6	7
	number, 1982	1 269	(D)	2 002	1 874	9 248	2 834	40	435
	1978	1 818	(D)	1 525	1 502	6 441	1 778	191	432
Other	farms, 1982	88	2	76	94	126	116	6	10
	1978	95	3	64	86	123	128	9	4
	number, 1982	8 846	(D)	9 820	15 832	44 590	19 317	466	1 932
	1978	7 735	(D)	7 694	13 515	23 251	11 282	1 045	35
Hogs and pigs sold	farms, 1982	88	2	81	96	135	133	9	12
	1978	96	2	67	91	127	143	10	9
	number, 1982	15 509	(D)	17 526	29 739	74 451	34 008	423	6 999
	1978	13 851	(D)	12 383	25 927	39 092	19 947	1 433	5 381
Feeder pigs	farms, 1982	26	2	31	14	34	33	1	10
	1978	38	-	29	22	27	28	2	5
	number, 1982	4 658	(D)	7 925	2 136	8 621	9 907	(D)	(D)
	1978	3 962	-	2 643	4 472	3 914	2 899	(D)	(D)
Sheep and lambs inventory	farms, 1982	8	-	16	15	8	116	1	-
	1978	6	-	19	12	5	117	3	1
	number, 1982	302	-	735	697	328	14 420	(D)	-
	1978	153	-	813	328	69	17 456	5	(D)
Sheep and lambs sold	farms, 1982	8	-	16	16	9	116	1	-
	1978	5	-	14	9	5	116	1	-
	number, 1982	202	-	855	407	189	12 735	(D)	-
	1978	60	-	584	171	65	14 166	(D)	-
Hens and pullets of laying age inventory	farms, 1982	51	-	39	44	31	63	7	7
	1978	56	-	38	60	35	71	9	4
	number, 1982	7 867	-	(D)	(D)	(D)	(D)	(D)	188
	1978	(D)	-	(D)	(D)	141 734	53 736	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1982	3	-	6	6	5	4	1	-
	1978	1	-	1	2	1	2	1	-
	number, 1982	(D)	-	682	1 397	685	(D)	(D)	-
	1978	(D)	-	(D)	(D)	(D)	(D)	(D)	-
CROPS HARVESTED									
Corn for grain or seed	farms, 1982	873	2	478	739	348	526	46	37
	1978	884	3	444	742	337	524	44	43
	acres, 1982	90 088	(D)	45 422	91 000	48 584	68 571	6 462	3 070
	1978	75 745	48	39 372	84 746	38 204	61 450	4 986	2 172
	bushels, 1982	8 974 970	(D)	4 593 203	10 173 307	4 619 709	6 561 093	608 649	198 171
	1978	5 366 475	3 888	2 693 483	6 981 301	3 291 792	4 744 729	333 689	153 567
Wheat for grain	farms, 1982	336	1	316	467	90	379	27	16
	1978	270	-	281	324	76	380	23	13
	acres, 1982	13 602	(D)	11 649	19 578	4 166	15 837	1 404	818
	1978	8 254	-	10 687	11 265	2 066	13 464	764	648
	bushels, 1982	596 567	(D)	447 150	971 771	133 010	608 697	53 772	25 582
	1978	339 329	-	441 553	588 508	65 257	579 614	24 660	14 177

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
CROPS HARVESTED—Con.								
Soybeans for beans	farms, 1982	9 972	1	-	89	4	-	97
	1978	8 250	-	-	24	3	-	79
	acres, 1982	1 001 445	(D)	-	5 456	(D)	-	5 965
	1978	739 034	-	-	828	(D)	-	4 623
	bushels, 1982	31 395 387	(D)	-	189 297	(D)	-	146 919
	1978	18 302 415	-	-	22 121	(D)	-	92 123
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	14 091	67	29	476	114	74	101
	1978	14 988	64	28	513	109	70	125
	acres, 1982	1 037 167	7 575	4 053	31 718	8 578	8 885	8 683
	1978	1 107 464	7 187	4 205	32 608	9 645	7 886	11 011
	tons, dry, 1982	2 885 258	16 977	6 568	94 861	21 204	18 702	26 013
	1978	2 818 972	15 613	8 418	101 691	20 588	14 138	28 290
Vegetables harvested for sale (see text)	farms, 1982	2 102	1	1	62	7	3	21
	1978	2 173	1	-	77	6	4	21
	acres, 1982	118 910	(D)	(D)	6 920	169	22	1 666
	1978	110 383	(D)	-	3 512	50	22	1 686
Land in orchards	farms, 1982	2 093	2	-	81	2	46	1
	1978	2 407	1	-	99	2	57	2
	acres, 1982	148 000	(D)	-	4 167	(D)	4 228	(D)
	1978	152 063	(D)	-	5 131	(D)	3 645	(D)

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
CROPS HARVESTED—Con.								
Soybeans for beans	farms, 1982	-	115	244	1	298	414	276
	1978	-	53	205	-	257	347	176
	acres, 1982	-	7 898	16 199	(D)	22 755	35 985	22 296
	1978	-	2 969	10 982	-	16 878	26 686	11 375
	bushels, 1982	-	233 729	496 170	(D)	707 193	1 112 932	660 074
	1978	-	83 146	276 637	-	500 782	615 458	281 176
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	15	289	65	13	153	283	321
	1978	16	313	85	18	181	303	352
	acres, 1982	2 158	20 196	2 805	661	4 808	9 911	18 366
	1978	2 070	23 406	3 369	1 040	7 495	11 813	20 781
	tons, dry, 1982	4 103	70 853	9 400	1 663	13 586	30 183	53 503
	1978	4 546	70 790	9 590	2 572	21 822	32 688	60 129
Vegetables harvested for sale (see text)	farms, 1982	1	31	81	3	217	12	9
	1978	-	30	96	3	267	7	14
	acres, 1982	(D)	1 472	3 247	(D)	7 801	286	2 176
	1978	-	1 597	3 532	10	8 013	169	1 304
Land in orchards	farms, 1982	-	6	5	49	436	6	3
	1978	1	6	3	59	505	7	5
	acres, 1982	-	88	19	4 013	22 554	314	(D)
	1978	(D)	168	12	3 863	25 302	253	341

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
CROPS HARVESTED—Con.								
Soybeans for beans	farms, 1982	254	-	-	2	6	571	-
	1978	221	-	1	2	2	457	-
	acres, 1982	22 901	-	-	(D)	274	47 143	-
	1978	16 290	-	(D)	(D)	(D)	33 446	-
	bushels, 1982	729 284	-	-	(D)	5 970	1 573 567	-
	1978	435 333	-	(D)	(D)	(D)	830 301	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	245	54	45	112	100	437	1
	1978	281	58	44	118	97	470	-
	acres, 1982	11 025	6 855	6 617	24 722	11 168	25 619	(D)
	1978	13 624	6 660	5 052	24 530	10 725	29 032	-
	tons, dry, 1982	32 259	14 128	11 434	37 203	26 535	83 306	(D)
	1978	37 683	15 900	9 580	37 690	21 761	78 224	-
Vegetables harvested for sale (see text)	farms, 1982	37	5	2	2	3	16	1
	1978	31	5	2	1	1	10	-
	acres, 1982	2 449	568	(D)	(D)	(D)	319	(D)
	1978	2 511	1 043	(D)	(D)	(D)	500	-
Land in orchards	farms, 1982	39	5	-	-	-	11	-
	1978	34	5	1	-	1	10	-
	acres, 1982	1 975	(D)	-	-	-	392	-
	1978	1 794	(D)	(D)	-	(D)	325	-

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations end symbols, see introductory text]

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
CROPS HARVESTED—Con.								
Soybeans for beans	farms, 1982	1	-	298	-	222	23	-
	1978	1	-	220	-	178	26	-
	acres, 1982	(D)	-	22 916	-	27 502	1 304	-
	1978	(D)	-	14 875	-	20 577	1 188	-
	bushels, 1982	(D)	-	761 997	-	817 550	31 526	-
	1978	(D)	-	428 995	-	422 353	29 828	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	97	41	338	52	168	113	12
	1978	103	38	347	55	164	98	12
	acres, 1982	10 930	5 229	16 668	5 346	10 665	8 445	1 280
	1978	11 616	4 812	18 187	6 331	11 561	7 824	1 196
	tons, dry, 1982	21 314	9 080	53 147	10 505	29 714	22 330	1 915
	1978	27 186	11 168	54 328	12 480	27 912	16 232	2 036
Vegetables harvested for sale (see text)	farms, 1982	2	2	22	4	20	5	-
	1978	4	1	23	3	19	1	-
	acres, 1982	(D)	(D)	2 159	121	447	126	-
	1978	12	(D)	878	107	513	(D)	-
Land in orchards	farms, 1982	1	-	5	-	11	-	-
	1978	1	1	2	-	12	-	-
	acres, 1982	(D)	-	61	-	598	-	-
	1978	(D)	(D)	(D)	-	548	-	-

Item		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	1	563	357	-	71	229	260	6
	1978	2	468	338	-	122	157	171	5
	acres, 1982	(D)	60 943	31 840	-	4 527	24 445	19 224	(D)
	1978	(D)	37 315	23 865	-	5 142	15 758	10 611	140
	bushels, 1982	(D)	2 053 064	969 031	-	126 630	812 523	678 030	(D)
	1978	(D)	1 046 564	467 111	-	112 744	452 121	303 152	3 213
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	81	247	358	38	649	278	417	66
	1978	74	305	385	46	720	320	436	65
	acres, 1982	7 493	12 131	19 910	3 546	36 169	19 400	26 162	7 059
	1978	6 427	15 533	23 365	4 884	37 642	21 329	28 685	8 373
	tons, dry, 1982	17 720	36 617	63 976	5 576	128 894	63 444	89 122	18 541
	1978	11 489	42 418	70 848	8 079	95 489	60 013	82 467	21 783
Vegetables harvested for sale (see text)	farms, 1982	18	33	14	1	1	19	45	1
	1978	25	40	9	2	2	19	47	-
	acres, 1982	1 656	2 600	427	(D)	(D)	1 725	2 434	(D)
	1978	1 872	2 854	167	(D)	(D)	1 965	3 694	-
Land in orchards	farms, 1982	136	3	6	1	5	10	29	-
	1978	180	4	5	-	4	8	40	-
	acres, 1982	12 830	(D)	476	(D)	10	287	2 001	-
	1978	13 617	(D)	216	-	24	240	3 116	-

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	-	161	92	178	1	37	-	1
	1978	-	108	58	152	2	11	-	-
	acres, 1982	-	11 260	5 623	23 167	(D)	2 565	-	(D)
	1978	-	5 947	3 246	13 274	(D)	661	-	-
	bushels, 1982	-	277 866	163 731	720 789	(D)	83 238	-	(D)
	1978	-	158 828	79 397	349 433	(D)	22 401	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	26	324	312	181	23	418	-	23
	1978	19	320	304	197	21	447	-	18
	acres, 1982	4 544	26 291	24 121	10 486	1 906	30 951	-	2 478
	1978	2 347	28 429	23 259	11 161	1 717	36 011	-	1 699
	tons, dry, 1982	8 924	75 791	71 553	28 625	4 419	96 661	-	4 868
	1978	4 644	66 381	69 313	33 871	3 294	102 908	-	3 545
Vegetables harvested for sale (see text)	farms, 1982	1	8	27	23	-	84	-	2
	1978	-	7	22	19	1	82	-	-
	acres, 1982	(D)	336	1 271	507	-	3 327	-	(D)
	1978	-	(D)	651	293	(D)	3 291	-	-
Land in orchards	farms, 1982	-	5	7	41	-	172	-	1
	1978	1	5	9	36	2	185	-	2
	acres, 1982	-	105	222	1 533	-	14 607	-	(D)
	1978	(D)	(D)	435	1 628	(D)	16 759	-	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	121	2	764	50	-	-	182	-
	1978	47	1	810	27	-	-	114	-
	acres, 1982	7 867	(D)	101 483	3 774	-	-	20 100	-
	1978	2 598	(D)	100 998	1 888	-	-	10 034	-
	bushels, 1982	195 407	(D)	3 588 487	95 617	-	-	584 545	-
	1978	56 546	(D)	2 790 683	46 754	-	-	229 594	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	377	78	249	232	11	39	129	32
	1978	374	97	338	237	7	35	146	35
	acres, 1982	28 946	4 731	16 853	18 904	1 583	7 773	6 231	(D)
	1978	33 082	5 572	20 270	21 458	1 220	6 494	7 579	2 342
	tons, dry, 1982	87 549	9 696	51 744	54 670	2 014	11 930	18 151	5 690
	1978	81 920	11 095	64 136	59 085	1 913	12 073	18 209	5 736
Vegetables harvested for sale (see text)	farms, 1982	29	10	56	11	2	-	117	28
	1978	34	11	42	12	-	-	94	16
	acres, 1982	3 275	172	2 635	(D)	(D)	-	4 451	1 059
	1978	2 950	124	1 309	2 761	-	-	3 870	906
Land in orchards	farms, 1982	10	180	16	9	-	-	25	44
	1978	8	221	22	11	-	-	28	56
	acres, 1982	546	14 998	412	464	-	-	1 278	5 508
	1978	662	13 980	387	542	-	-	1 343	4 832

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	-	4	4	1	135	-	640	76
	1978	-	2	3	-	125	-	652	82
	acres, 1982	-	151	180	(D)	14 581	-	88 208	5 817
	1978	-	(D)	(D)	-	10 392	-	83 265	4 533
	bushels, 1982	-	3 565	(D)	(D)	440 201	-	2 707 342	180 983
	1978	-	(D)	(D)	-	312 344	-	2 022 778	112 525
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	16	121	218	217	54	195	124	327
	1978	21	119	171	219	77	195	162	316
	acres, 1982	1 968	11 939	23 679	27 226	2 282	27 805	4 482	25 961
	1978	2 329	10 551	19 025	27 331	3 519	24 172	5 308	22 919
	tons, dry, 1982	4 729	35 693	64 176	59 781	7 849	67 641	11 572	80 596
	1978	5 164	25 467	43 188	60 677	8 520	49 415	12 119	62 444
Vegetables harvested for sale (see text)	farms, 1982	1	63	18	-	6	1	91	19
	1978	1	59	17	-	9	1	73	20
	acres, 1982	(D)	3 564	666	-	347	(D)	3 779	1 093
	1978	(D)	3 994	961	-	276	(D)	2 678	1 648
Land in orchards	farms, 1982	1	47	3	-	2	-	18	8
	1978	2	52	4	-	1	-	18	10
	acres, 1982	(D)	6 168	230	-	(D)	-	249	623
	1978	(D)	4 955	287	-	(D)	-	293	537

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	-	4	7	9	2	2	-	2
	1978	-	4	6	13	4	4	-	1
	acres, 1982	-	520	177	887	(D)	(D)	-	(D)
	1978	-	(D)	(D)	707	150	(D)	-	(D)
	bushels, 1982	-	16 914	5 627	23 032	(D)	(D)	-	(D)
	1978	-	(D)	(D)	13 583	2 800	(D)	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	31	122	250	86	178	108	34	192
	1978	28	119	228	86	171	102	36	182
	acres, 1982	3 645	10 877	21 086	7 424	10 544	14 136	5 801	25 996
	1978	4 053	11 658	19 022	7 655	9 499	14 025	5 656	24 582
	tons, dry, 1982	8 207	33 768	60 835	21 469	27 227	36 088	8 473	58 460
	1978	8 459	32 002	47 523	17 605	25 142	31 985	8 283	52 311
Vegetables harvested for sale (see text)	farms, 1982	-	31	45	16	228	1	-	-
	1978	-	32	37	19	227	4	-	-
	acres, 1982	-	3 464	5 235	504	11 889	(D)	-	-
	1978	-	3 330	4 252	529	10 501	20	-	-
Land in orchards	farms, 1982	-	21	24	12	173	1	-	3
	1978	-	21	25	11	214	5	2	-
	acres, 1982	-	3 737	1 924	348	16 015	(D)	-	(D)
	1978	-	3 135	1 753	411	15 868	44	(D)	-

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	-	-	27	-	1	793	351	365
	1978	-	-	11	2	1	764	243	276
	acres, 1982	-	-	1 050	-	(D)	105 365	42 480	33 793
	1978	-	-	635	(D)	(D)	92 345	23 984	23 231
	bushels, 1982	-	-	29 567	-	(D)	3 462 073	1 151 390	1 044 958
	1978	-	-	17 305	(D)	(D)	2 412 497	423 068	566 772
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	40	44	434	88	2	234	262	269
	1978	31	40	434	100	3	306	285	309
	acres, 1982	3 792	3 922	23 139	9 814	(D)	9 048	16 025	11 759
	1978	3 186	4 050	26 216	9 250	460	12 102	18 033	16 343
	tons, dry, 1982	10 141	7 731	77 654	21 700	(D)	32 443	37 003	35 407
	1978	6 710	8 403	75 962	18 299	433	35 820	43 000	44 704
Vegetables harvested for sale (see text)	farms, 1982	-	1	109	-	-	38	34	25
	1978	1	4	117	1	-	35	34	18
	acres, 1982	-	(D)	3 855	-	-	2 067	1 569	(D)
	1978	(D)	35	3 760	(D)	-	2 386	1 482	2 356
Land in orchards	farms, 1982	2	-	49	-	1	8	4	6
	1978	-	-	58	1	1	8	6	5
	acres, 1982	(D)	-	5 060	-	(D)	96	282	159
	1978	-	-	4 228	(D)	(D)	125	368	(D)

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
CROPS HARVESTED—Con.									
Soybeans for beans	farms, 1982	366	-	517	281	128	199	66	-
	1978	261	-	425	214	78	165	67	2
	acres, 1982	34 955	-	59 450	20 481	9 172	17 443	8 808	-
	1978	20 013	-	47 009	13 155	4 934	13 021	7 012	(D)
	bushels, 1982	977 529	-	1 819 079	696 415	232 789	510 698	206 493	-
	1978	352 468	-	1 010 421	303 559	118 905	305 044	136 444	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1982	776	12	300	283	204	400	16	51
	1978	855	15	309	329	218	442	23	49
	acres, 1982	65 584	2 520	19 132	16 512	9 078	21 948	1 209	5 758
	1978	71 949	2 256	23 152	19 875	9 987	28 696	1 645	6 416
	tons, dry, 1982	185 888	4 020	60 180	48 557	26 051	64 587	1 818	10 303
	1978	177 748	4 132	59 878	50 469	29 659	87 384	2 554	9 749
Vegetables harvested for sale (see text)	farms, 1982	14	-	9	28	150	28	38	8
	1978	56	1	17	25	191	28	25	10
	acres, 1982	739	-	62	1 977	11 655	2 026	1 715	742
	1978	3 560	(D)	340	1 218	10 546	1 731	1 276	862
Land in orchards	farms, 1982	10	-	7	7	251	18	6	2
	1978	6	-	2	4	289	13	7	1
	acres, 1982	245	-	78	269	16 789	815	151	(D)
	1978	179	-	(D)	250	18 062	589	177	(D)

[1]Data are based on a sample of farms.
[2]Data for 1978 include the cost of lime which was not collected in 1982.

Table 17. Milk Goats—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Milk goats			Goat milk		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Gallons	Sales ($1,000)
STATE TOTAL								
Michigan 1982	599	4 230	278	2 135	88	49	72 957	111
1978	263	2 103	118	780	26	28	45 756	113
COUNTIES, 1982								
Alcona	4	(D)	-	-	-	1	(D)	(D)
Allegan	13	69	3	(D)	(D)	-	-	-
Alpena	6	(D)	5	14	1	-	-	-
Barry	18	157	13	174	7	-	-	-
Bay	4	40	2	(D)	(D)	1	(D)	(D)
Berrien	8	(D)	2	(D)	(D)	1	(D)	(D)
Branch	8	84	5	(D)	(D)	-	-	-
Calhoun	14	49	6	23	1	-	-	-
Cass	6	63	4	27	1	1	(D)	(D)
Charlevoix	8	75	4	(D)	(D)	2	(D)	(D)
Chippewa	9	80	4	(D)	(D)	-	-	-
Clare	3	19	2	(D)	(D)	-	-	-
Clinton	13	95	3	21	1	1	(D)	(D)
Delta	3	(D)	3	6	(Z)	2	(D)	(D)
Eaton	6	46	2	(D)	(D)	-	-	-
Emmet	3	(D)	-	-	-	-	-	-
Genesee	12	67	5	28	2	1	(D)	(D)
Gladwin	3	(D)	2	(D)	(D)	-	-	-
Grand Traverse	5	(D)	2	(D)	(D)	2	(D)	(D)
Gratiot	11	(D)	3	(D)	(D)	-	-	-
Hillsdale	18	55	10	32	1	1	(D)	(D)
Houghton	4	13	1	(D)	(D)	-	-	-
Huron	5	19	3	(D)	(D)	-	-	-
Ingham	18	163	4	71	6	1	(D)	(D)
Ionia	16	97	6	17	1	1	(D)	(D)
Isabella	9	60	4	(D)	(D)	1	(D)	(D)
Jackson	17	87	6	(D)	(D)	1	(D)	(D)
Kalamazoo	23	(D)	9	(D)	(D)	4	283	1
Kent	20	89	10	36	1	-	-	-
Lapeer	17	106	9	(D)	(D)	3	468	1
Leelanau	5	24	2	(D)	(D)	-	-	-
Lenawee	16	449	7	27	1	3	(D)	(D)
Livingston	13	128	7	89	4	-	-	-
Macomb	4	17	1	(D)	(D)	-	-	-
Manistee	8	44	1	(D)	(D)	-	-	-
Marquette	4	40	4	(D)	(D)	-	-	-
Mason	5	26	2	(D)	(D)	-	-	-
Mecosta	8	24	2	(D)	(D)	1	(D)	(D)
Menominee	6	39	1	(D)	(D)	-	-	-
Midland	7	99	7	101	3	3	(D)	(D)
Missaukee	4	28	3	(D)	(D)	-	-	-
Monroe	9	22	5	28	2	-	-	-
Montcalm	9	(D)	1	(D)	(D)	-	-	-
Muskegon	8	62	4	(D)	(D)	-	-	-
Newaygo	10	34	7	(D)	(D)	2	(D)	(D)
Oakland	15	145	8	174	8	3	(D)	(D)
Oceana	9	(D)	3	23	1	-	-	-
Osceola	7	89	5	(D)	(D)	2	(D)	(D)
Ottawa	11	84	7	40	2	1	(D)	(D)
Saginaw	10	71	4	44	1	1	(D)	(D)
St. Clair	10	(D)	6	42	3	3	60	(Z)
St. Joseph	20	96	9	53	1	-	-	-
Sanilac	9	54	5	(D)	(D)	-	-	-
Shiawassee	16	124	8	(D)	(D)	-	-	-
Tuscola	10	107	4	34	1	-	-	-
Van Buren	20	184	12	121	5	1	(D)	(D)
Washtenaw	9	84	6	(D)	(D)	1	(D)	(D)
Wayne	4	9	2	(D)	(D)	1	(D)	(D)
All other counties	29	158	13	66	2	3	931	2

Table 18. Angora Goats—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Angora goats			Mohair		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Pounds	Sales ($1,000)
STATE TOTAL								
Michigan 1982	67	3 852	14	331	31	53	28 384	123
1978	6	(D)	1	(D)	(D)	6	(D)	(D)

Table 19. Mink and Their Pelts—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Michigan—1982	55	71 569	58	156 952	4 236
1978	39	63 357	38	121 521	3 048
COUNTIES, 1982					
Delta	9	10 402	9	35 851	853
Kent	3	1 331	3	1 006	30
Lenawee	3	(D)	3	(D)	(D)
Mecosta	4	1 069	4	2 138	53
Menominee	6	29 505	7	40 721	1 258
Montcalm	3	(D)	3	(D)	(D)
Saginew	6	2 890	6	7 621	182
All other counties	21	22 677	23	66 428	1 773

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Colonies of bees			Honey		
	Farms	Number	Farms	Number	Sales ($1,000)	Ferms	Pounds	Sales ($1,000)
STATE TOTAL								
Michigan—1982	1 429	82 466	55	9 857	297	466	4 384 671	2 705
1978	987	85 791	48	7 963	205	733	5 282 787	2 720
COUNTIES, 1982								
Alcona	15	(D)	-	-	-	5	(D)	(D)
Allegan	41	3 112	2	(D)	(D)	19	101 037	64
Alpena	13	74	-	-	-	1	(D)	(D)
Antrim	19	2 173	1	(D)	(D)	9	203 640	111
Arenac	4	49	-	-	-	1	(D)	(D)
Barry	39	752	1	(D)	(D)	12	28 274	33
Bay	14	(D)	-	-	-	7	(D)	(D)
Benzie	21	1 042	-	-	-	10	49 737	29
Berrien	50	2 244	2	(D)	(D)	17	185 383	122
Branch	20	521	-	-	-	5	20 297	13
Calhoun	28	164	-	-	-	2	(D)	(D)
Cass	17	306	-	-	-	5	(D)	(D)
Charlevoix	13	704	-	-	-	5	(D)	(D)
Cheboygan	6	(D)	-	-	-	2	(D)	(D)
Chippewa	8	(D)	-	-	-	2	(D)	(D)
Clare	11	131	1	(D)	(D)	2	(D)	(D)
Clinton	33	2 158	-	-	-	11	136 522	82
Delta	10	(D)	-	-	-	4	(D)	(D)
Dickinson	4	12	-	-	-	-	-	-
Eaton	28	1 964	2	(D)	(D)	11	91 468	57
Emmet	8	59	-	-	-	-	-	-
Genesee	36	1 196	1	(D)	(D)	13	47 087	31
Gladwin	18	1 450	1	(D)	(D)	8	71 733	43
Grand Traverse	14	243	2	(D)	(D)	6	(D)	(D)
Gratiot	27	819	-	-	-	11	54 607	39
Hillsdale	25	1 473	1	(D)	(D)	10	83 195	44
Houghton	3	14	-	-	-	-	-	-
Huron	13	5 090	2	(D)	(D)	6	207 476	132
Ingham	29	1 724	1	(D)	(D)	11	95 035	51
Ionia	26	1 983	1	(D)	(D)	14	94 797	54
Iron	3	4	-	-	-	-	-	-
Isabella	24	941	1	(D)	(D)	7	32 260	21
Jackson	38	588	4	825	29	11	24 014	15
Kalamazoo	33	1 945	-	-	-	9	154 461	86
Kalkaska	7	61	2	(D)	(D)	2	(D)	(D)
Kent	50	2 977	1	(D)	(D)	16	130 979	75
Lake	8	291	-	-	-	3	(D)	(D)
Lapeer	39	1 084	3	(D)	(D)	14	32 366	24
Leelanau	35	2 053	2	(D)	(D)	10	(D)	(D)
Lenawee	31	4 847	2	(D)	(D)	11	253 504	155
Livingston	22	839	-	-	-	8	22 395	14
Macomb	9	677	1	(D)	(D)	5	50 000	32
Manistee	14	602	-	-	-	3	(D)	(D)
Mason	27	983	-	-	-	7	56 017	39
Mecosta	22	79	1	(D)	(D)	3	(D)	(D)
Menominee	6	(D)	1	(D)	(D)	2	(D)	(D)
Midland	17	296	1	(D)	(D)	3	13 700	8
Missaukee	6	(D)	-	-	-	1	(D)	(D)
Monroe	22	148	-	-	-	3	(D)	(D)
Montcalm	37	3 502	1	(D)	(D)	12	209 812	109
Montmorency	3	14	-	-	-	-	-	-
Muskegon	4	17	-	-	-	-	-	-
Newaygo	21	3 205	-	-	-	9	110 450	61
Oakland	37	7 121	-	-	-	20	357 628	221
Oceana	14	(D)	-	-	-	2	(D)	(D)
Ogemaw	4	(D)	-	-	-	4	(D)	(D)
Ontonagon	3	(D)	2	(D)	(D)	2	(D)	(D)
Osceola	9	1 217	-	-	-	4	116 720	60
Oscoda	3	(D)	1	(D)	(D)	1	(D)	(D)
Ottawa	21	106	1	(D)	(D)	2	(D)	(D)

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, sae introductory text]

Geographic area	Inventory		Sales					
			Colonies of bees			Honey		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Pounds	Sales ($1,000)
COUNTIES, 1982 —Con.								
Presque Isle	3	9	-	-	-	1	(D)	(D)
Roscommon	3	(D)	-	-	-	-	-	-
Saginaw	23	1 832	-	-	-	11	144 772	87
St. Cleir	25	576	1	(D)	(D)	7	21 399	15
St. Joseph	15	30	2	(D)	(D)	-	-	-
Sanilec	22	1 437	-	-	-	8	97 570	53
Shiawassee	29	391	1	(D)	(D)	9	13 230	7
Tuscola	17	957	1	(D)	(D)	9	55 725	33
Van Buran	41	533	4	(D)	(D)	10	10 490	7
Weshtanaw	47	1 001	2	(D)	(D)	16	31 005	35
Weyne	23	967	-	-	-	8	52 842	33
Wexford	9	(D)	-	-	-	3	(D)	(D)
All other counties	10	29	2	(D)	(D)	1	(D)	(D)

Table 21. Fish Sales: 1982 and 1978

[For meaning of ebbreviations and symbols, see introductory text]

Geographic area	Total		Any				Only by pounds			Only by number			Water surface area	
	Farms	Sales ($1,000)	Farms	Pounds (1,000)	Farms	Number (1,000)	Farms	Pounds (1,000)	Salas ($1,000)	Farms	Number (1,000)	Sales ($1,000)	Farms	Acres
TROUT														
State Total														
Michigen 1982	41	811	16	322	27	426	14	320	515	25	395	246	38	125
1978	49	815	20	332	30	411	19	327	546	29	373	254	41	205

Table 22. Miscellaneous Poultry—Inventory and Sales: 1982 and 1978

[For meaning of ebbreviations and symbols, see introductory text]

Geographic area	Inventory		Salas	
	Farms	Number	Farms	Number
DUCKS				
State Total				
Michigan 1982	1 219	163 010	242	385 379
1978	1 275	86 115	251	60 916
GEESE				
State Total				
Michigan 1982	850	7 228	171	4 083
1978	881	9 578	173	6 738
PIGEONS OR SQUAB				
State Total				
Michigan 1982	80	5 267	15	2 336
1978	54	2 803	14	429
PHEASANTS				
State Total				
Michigan 1982	81	11 226	38	54 941
1978	45	(D)	21	(D)
QUAIL				
State Total				
Michigan 1982	21	2 523	10	9 152
1978	21	1 427	5	1 876
OTHER POULTRY				
State Total				
Michigan 1982	141	3 529	30	1 980
1978	140	3 035	16	(D)
POULTRY HATCHED (SEE TEXT)				
State Total				
Michigan 1982	204	1 448 154	538	9 126 631
1978	194	2 260 387	454	12 330 838

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS					
State Total					
Michigan 1982	150	329	17	27	7
1978	256	448	21	34	4
GOATS, TOTAL					
State Total					
Michigan 1982	1 245	11 126	505	4 027	158
1978	535	3 577	202	1 238	38
Counties, 1982					
Alcona	5	40	-	-	-
Allegan	50	329	13	79	2
Alpena	7	39	5	14	1
Antrim	4	16	1	(D)	(D)
Arenac	5	16	2	(D)	(D)
Baraga	3	10	1	(D)	(D)
Barry	38	445	18	206	9
Bay	7	46	2	(D)	(D)
Benzie	8	46	1	(D)	(D)
Berrien	26	138	6	18	1
Branch	22	126	5	(D)	(D)
Calhoun	29	148	14	73	2
Cass	17	129	8	53	1
Charlevoix	11	244	6	52	1
Cheboygan	6	(D)	-	-	-
Chippewa	20	1 014	9	101	7
Clare	7	41	3	(D)	(D)
Clinton	27	267	7	35	2
Crawford	4	18	3	9	1
Delta	4	14	3	6	(Z)
Dickinson	5	(D)	1	(D)	(D)
Eaton	24	113	4	26	1
Emmet	6	417	3	(D)	(D)
Genesee	25	160	11	66	3
Gladwin	8	69	2	(D)	(D)
Grand Traverse	7	54	3	(D)	(D)
Gratiot	24	159	8	52	1
Hillsdale	36	124	18	74	5
Houghton	7	19	2	(D)	(D)
Huron	11	62	5	31	1
Ingham	39	220	14	106	7
Ionia	25	124	10	25	1
Iosco	3	(D)	1	(D)	(D)
Iron	5	315	2	(D)	(D)
Isabella	13	66	5	23	1
Jackson	37	545	20	424	11
Kalamazoo	38	215	16	68	2
Kalkaska	3	(D)	1	(D)	(D)
Kent	39	160	15	59	2
Lapeer	36	408	17	119	6
Leelanau	9	48	2	(D)	(D)
Lenawee	33	572	12	50	1
Livingston	35	260	16	149	7
Mackinac	4	78	1	(D)	(D)
Macomb	11	34	3	(D)	(D)
Manistee	14	59	6	(D)	(D)
Marquette	4	40	4	(D)	(D)
Mason	11	47	4	(D)	(D)
Mecosta	8	24	2	(D)	(D)
Menominee	10	(D)	1	(D)	(D)
Midland	15	227	10	190	3
Missaukee	7	34	4	(D)	(D)
Monroe	25	74	10	47	2
Montcalm	21	127	6	19	1
Muskegon	12	97	6	72	3
Newaygo	21	111	12	139	5
Oakland	25	187	12	201	9
Oceana	11	57	3	23	1
Osceola	13	151	6	30	1
Otsego	3	9	1	(D)	(D)
Ottawa	29	170	17	76	4
Saginaw	23	248	8	79	2
St. Clair	31	225	17	147	5
St. Joseph	30	143	12	67	1
Sanilac	16	64	6	50	2
Shiawassee	27	198	11	46	2
Tuscola	22	227	9	77	5
Van Buren	40	260	17	146	6
Washtenaw	21	147	9	63	2
Wayne	7	26	6	48	1
All other counties	16	66	7	41	1
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Michigan 1982	649	3 044	226	1 561	40
1978	295	(D)	87	(D)	(D)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Inventory		Sales		
		Farms	Number	Farms	Number	Sales ($1,000)
RABBITS AND THEIR PELTS						
State Total						
Michigan	1982	482	34 332	254	66 163	576
	1978	304	11 206	157	42 192	177
CHINCHILLAS AND THEIR PELTS						
State Total						
Michigan	1982	15	3 324	11	1 352	39
	1978	13	2 635	13	2 133	52
WORMS (SEE TEXT)						
State Total						
Michigan	1982	16	7 670	18	65 628	265
	1978	9	57	8	9 732	24
OTHER LIVESTOCK PRODUCTS						
State Total						
Michigan	1982	(X)	(X)	33	(X)	116
	1978	(X)	(X)	53	(X)	103

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)					
State Total					
Michigan 1982	30 792	2 568 541	256 473 754	814	135 474
1978	33 676	2 337 985	184 697 964	803	99 378
Counties, 1982					
Alcona	25	1 248	87 364	-	-
Alger	3	60	5 200	-	-
Allegan	1 107	100 601	10 332 740	25	2 808
Alpena	100	3 502	220 308	-	-
Antrim	80	5 338	394 686	3	(D)
Arenac	200	13 424	1 149 050	2	(D)
Barry	663	45 900	4 432 252	12	1 489
Bay	595	45 976	4 879 169	9	764
Benzie	22	590	46 748	-	-
Berrien	725	48 867	4 763 340	14	1 151
Branch	954	93 624	9 151 376	107	16 125
Calhoun	899	90 882	8 944 647	42	6 966
Cass	672	73 798	7 541 180	44	7 502
Charlevoix	80	2 941	207 708	2	(D)
Cheboygan	42	1 077	75 940	1	(D)
Chippewa	8	446	65 228	-	-
Clare	121	6 826	474 763	2	(D)
Clinton	908	61 313	6 896 091	8	(D)
Delta	40	1 422	114 033	-	-
Dickinson	12	553	42 450	-	-
Eaton	871	65 751	6 930 120	8	693
Emmet	51	1 860	136 335	-	-
Genesee	458	45 652	4 320 291	3	(D)
Gladwin	226	10 461	717 505	-	-
Grand Traverse	111	7 387	466 201	-	-
Gratiot	797	70 343	8 195 077	11	1 174
Hillsdale	987	96 872	9 370 851	20	2 958
Houghton	6	112	10 440	-	-
Huron	1 199	111 847	11 730 549	6	(D)
Ingham	652	75 794	7 919 562	6	714
Ionia	821	67 483	7 654 149	12	1 158
Iosco	91	6 971	469 241	1	(D)
Isabella	581	41 941	3 381 402	2	(D)
Jackson	854	81 939	7 611 505	15	4 436
Kalamazoo	516	54 769	5 480 156	38	9 667
Kalkaska	37	1 898	79 115	7	730
Kent	807	58 586	5 689 725	12	1 308
Lake	43	1 145	90 702	1	(D)
Lapeer	757	58 614	5 490 422	1	(D)
Leelanau	82	3 938	299 108	-	-
Lenawee	1 128	136 569	14 615 208	8	1 529
Livingston	446	38 519	3 704 573	3	(D)
Macomb	318	17 406	1 505 260	1	(D)
Manistee	74	2 214	130 780	1	(D)
Mason	202	12 649	1 112 629	3	(D)
Mecosta	354	17 943	1 449 878	9	1 322
Menominee	121	7 215	520 173	-	-
Midland	260	22 886	2 352 952	6	479
Missaukee	131	7 312	543 590	10	514
Monroe	879	75 234	7 878 926	5	422

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)—Con.					
Counties, 1982—Con.					
Montcalm	710	55 428	5 402 211	56	7 499
Montmorency	19	949	55 778	1	(D)
Muskegon	232	20 078	1 613 459	5	(D)
Newaygo	442	24 128	2 150 403	5	(D)
Oakland	155	15 793	1 408 222	3	(D)
Oceana	281	11 846	1 028 116	8	495
Ogemaw	109	5 268	351 185	-	-
Osceola	157	6 064	473 771	3	240
Oscoda	20	490	35 330	-	-
Otsego	38	812	49 160	-	-
Ottawa	801	54 032	5 746 298	26	1 824
Presqua Isla	56	2 267	153 870	2	(D)
Seginaw	897	62 878	7 216 128	4	(D)
St. Clair	564	39 906	3 587 665	2	(D)
St. Joseph	751	90 652	9 960 957	183	43 526
Sanilac	1 093	93 981	9 250 795	3	(D)
Schoolcraft	5	30	2 218	-	-
Shiawassee	722	49 343	4 885 848	4	(D)
Tuscola	1 027	96 423	10 585 582	7	708
Van Buren	593	52 990	4 925 697	29	5 156
Washtenaw	827	74 475	7 002 146	11	1 717
Wayne	107	7 459	675 243	1	(D)
Wexford	59	3 331	211 345	1	(D)
All other counties	11	220	21 629	-	-
SORGHUM FOR GRAIN OR SEED (BUSHELS)					
State Total					
Michigan 1982	30	844	48 789	-	-
1978	94	2 672	154 212	1	(D)
WHEAT FOR GRAIN (BUSHELS)					
State Total					
Michigan 1982	15 416	513 445	20 764 229	59	5 041
1978	13 966	370 398	14 669 977	24	1 191
Counties, 1982					
Alcona	45	1 411	63 216	-	-
Allegan	399	9 862	421 131	1	(D)
Alpena	142	3 478	165 811	-	-
Antrim	34	1 560	42 208	3	(D)
Arenac	112	4 041	222 500	1	(D)
Barry	340	12 290	446 655	3	23
Bay	305	6 757	329 048	1	(D)
Benzie	3	72	(D)	-	-
Berrien	288	8 800	278 969	-	-
Branch	387	11 823	446 913	-	-
Calhoun	510	20 795	813 723	-	-
Cass	235	8 040	255 249	2	(D)
Charlevoix	23	300	10 594	-	-
Cheboygan	41	927	34 785	1	(D)
Chippewa	50	618	18 173	-	-
Clare	79	2 268	106 903	-	-
Clinton	689	21 997	815 130	1	(D)
Delta	10	283	11 355	-	-
Eaton	625	25 246	1 106 947	-	-
Emmet	12	75	1 965	-	-
Genesee	153	4 648	163 841	-	-
Gladwin	122	3 419	145 105	-	-
Grand Traverse	50	1 636	50 551	-	-
Gratiot	441	14 972	697 206	2	(D)
Hillsdale	496	14 680	527 811	1	(D)
Huron	708	23 145	1 132 560	1	(D)
Ingham	318	16 316	690 118	-	-
Ionia	534	22 112	848 321	1	(D)
Iosco	43	1 244	50 910	-	-
Isabella	375	10 568	459 299	2	(D)
Jackson	360	11 920	465 049	-	-
Kalamazoo	282	15 808	628 890	1	(D)
Kalkaska	23	968	35 042	8	484
Kent	328	9 098	366 212	2	(D)
Lake	24	401	12 999	-	-
Lapeer	261	7 065	259 267	1	(D)
Leelanau	23	380	11 113	-	-
Lenawee	710	28 944	1 139 134	-	-
Livingston	217	6 784	261 677	-	-
Mackinac	7	122	4 400	-	-
Macomb	133	2 784	94 755	-	-
Manistee	32	614	20 091	-	-
Mason	160	5 540	211 566	-	-
Mecosta	168	4 469	160 287	2	(D)
Menominee	8	89	2 870	-	-
Midland	103	3 259	169 049	1	(D)
Missaukee	44	977	42 979	-	-
Monroe	380	11 517	386 068	-	-
Montcalm	432	20 374	790 607	8	733
Montmorency	30	854	31 335	-	-

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN (BUSHELS)—Con.					
Counties, 1982—Con.					
Muskegon	85	2 206	95 311	-	-
Newaygo	133	2 031	74 129	-	-
Oakland	67	2 762	99 967	3	14
Oceana	105	2 216	82 264	-	-
Ogemaw	65	1 360	63 492	-	-
Ontonagon	5	42	1 685	-	-
Osceola	77	1 508	61 966	-	-
Oscoda	3	11	172	-	-
Otsego	23	605	18 850	-	-
Ottawa	299	6 199	255 726	-	-
Presque Isle	93	2 131	93 043	1	(D)
Roscommon	3	(D)	(D)	-	-
Saginaw	546	17 716	891 232	-	-
St. Clair	171	3 951	144 975	-	-
St. Joseph	325	11 181	370 399	6	475
Sanilac	404	14 604	628 578	1	(D)
Shiawassee	444	13 526	500 627	-	-
Tuscola	552	20 816	1 015 347	1	(D)
Van Buren	125	4 615	146 557	2	(D)
Washtenaw	525	17 912	672 868	2	(D)
Wayne	43	1 551	57 986	-	-
Wexford	24	914	27 747	-	-
All other counties	5	(D)	5 148	-	-
BARLEY FOR GRAIN (BUSHELS)					
State Total					
Michigan 1982	1 093	35 108	2 073 250	3	18
1978	754	19 414	921 222	1	(D)
Counties, 1982					
Alcona	12	152	8 090	-	-
Alger	15	476	23 800	-	-
Allegan	14	294	13 320	-	-
Alpena	20	437	20 170	-	-
Antrim	9	220	10 070	-	-
Arenac	3	24	1 500	-	-
Baraga	6	257	9 874	-	-
Barry	8	204	10 587	-	-
Bay	4	162	(D)	-	-
Berrien	3	80	2 675	-	-
Branch	4	45	2 226	-	-
Calhoun	5	107	7 189	-	-
Cass	8	170	7 741	-	-
Charlevoix	18	469	22 785	-	-
Cheboygan	38	779	44 903	-	-
Chippewa	34	620	23 952	-	-
Clare	10	303	13 750	-	-
Clinton	12	227	13 603	-	-
Delta	82	3 041	164 358	-	-
Dickinson	12	413	22 044	-	-
Eaton	15	244	14 439	-	-
Emmet	12	104	3 936	-	-
Genesee	3	(D)	(D)	-	-
Gladwin	21	364	18 650	-	-
Grand Traverse	14	207	7 761	-	-
Gratiot	9	91	4 810	-	-
Hillsdale	5	41	2 100	-	-
Houghton	13	221	11 860	-	-
Huron	95	4 870	368 570	-	-
Ingham	10	455	23 460	-	-
Ionia	25	596	34 413	-	-
Iosco	3	128	10 435	-	-
Iron	15	215	9 170	-	-
Isabella	29	1 088	59 409	-	-
Kalamazoo	10	259	11 176	-	-
Kent	10	311	19 470	-	-
Lake	3	26	(D)	-	-
Lapeer	18	528	28 300	-	-
Leelanau	3	(D)	(D)	-	-
Lenawee	3	(D)	(D)	-	-
Livingston	4	(D)	(D)	-	-
Luce	3	(D)	(D)	-	-
Mackinac	16	563	20 180	-	-
Manistee	8	97	3 515	-	-
Marquette	7	288	14 461	-	-
Mason	11	177	5 748	-	-
Mecosta	7	623	37 307	-	-
Menominee	98	2 971	150 504	1	(D)
Missaukee	7	129	8 335	-	-
Monroe	4	(D)	5 240	1	(D)
Montcalm	20	362	21 428	-	-
Montmorency	8	232	13 610	-	-
Newaygo	10	282	14 550	-	-
Oceana	5	72	3 365	-	-
Ogemaw	11	419	23 718	1	(D)
Ontonagon	4	43	1 080	-	-
Osceola	13	380	21 936	-	-
Oscoda	3	54	2 750	-	-
Otsego	10	94	4 665	-	-
Ottawa	3	79	3 900	-	-

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978—Con.

[For meaning of abbreviations end symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)—Con.					
Counties, 1982—Con.					
Presque Isle	31	597	36 028	-	-
Saginaw	8	251	17 010	-	-
St. Clair	5	60	3 830	-	-
St. Joseph	7	80	2 405	-	-
Sanilac	43	2 392	163 218	-	-
Schoolcraft	13	468	20 011	-	-
Shiawassee	15	214	13 209	-	-
Tuscola	56	4 936	350 414	-	-
Van Buren	8	163	9 389	-	-
Washtenaw	12	194	10 785	-	-
All other counties	10	104	6 078	-	-
BUCKWHEAT (BUSHELS)					
State Total					
Michigan 1982	44	759	8 633	-	-
1978	69	698	10 639	2	(D)
Counties, 1982					
Gratiot	3	66	(D)	-	-
Hillsdale	3	(D)	(D)	-	-
Ingham	3	(D)	452	-	-
Montcalm	9	137	1 706	-	-
All other counties	26	446	5 331	-	-
EMMER AND SPELT (BUSHELS)					
State Total					
Michigan 1982	53	670	36 316	-	-
1978	77	1 069	59 676	-	-
Counties, 1982					
Allegan	6	49	2 178	-	-
Berrien	3	48	(D)	-	-
Branch	3	34	1 300	-	-
Kent	4	41	(D)	-	-
Ottawa	10	160	9 150	-	-
St. Joseph	3	49	2 570	-	-
All other counties	24	289	15 363	-	-
OATS FOR GRAIN (BUSHELS)					
State Total					
Michigan 1982	16 627	398 618	24 770 648	42	529
1978	17 875	395 419	22 618 711	27	643
Counties, 1982					
Alcona	90	2 053	105 795	-	-
Alger	17	332	12 109	-	-
Allegan	404	6 641	302 728	-	-
Alpena	251	7 437	461 279	-	-
Antrim	45	984	39 799	2	(D)
Arenac	131	3 305	224 829	1	(D)
Baraga	29	456	15 485	-	-
Barry	266	6 033	323 492	-	-
Bay	163	2 060	133 518	-	-
Benzie	7	112	4 253	-	-
Berrien	101	1 212	53 138	-	-
Branch	248	4 409	237 498	-	-
Calhoun	379	9 434	546 404	-	-
Cass	135	2 660	114 232	-	-
Charlevoix	60	835	34 447	1	(D)
Cheboygan	72	1 140	47 043	1	(D)
Chippewa	192	5 326	193 254	1	(D)
Clare	128	3 453	189 273	-	-
Clinton	583	11 786	743 795	-	-
Delta	107	2 689	149 498	-	-
Dickinson	34	1 156	58 611	-	-
Eaton	358	6 533	406 409	-	-
Emmet	76	1 387	58 344	-	-
Genesee	337	10 370	629 786	-	-
Gladwin	176	3 576	207 366	-	-
Gogebic	30	257	9 360	-	-
Grand Traverse	73	1 100	49 374	-	-
Gratiot	363	8 165	554 988	-	-
Hillsdale	339	6 883	438 272	2	(D)
Houghton	78	1 489	50 647	-	-
Huron	842	24 420	2 030 996	-	-
Ingham	262	6 784	432 707	1	(D)
Ionia	447	10 899	633 478	-	-
Iosco	91	2 370	148 872	1	(D)
Iron	40	1 028	45 804	-	-
Isabella	374	8 786	506 329	-	-
Jackson	335	8 595	495 954	-	-
Kalamazoo	164	4 215	192 237	1	(D)
Kalkaska	17	222	9 500	4	46
Kent	400	9 085	488 650	-	-
Lake	36	524	25 556	-	-
Lapeer	457	11 221	754 975	-	-
Leelanau	48	706	32 667	-	-
Lenawee	345	7 579	491 408	-	-
Livingston	191	4 758	301 795	-	-
Luce	14	526	13 815	-	-
Mackinac	46	1 214	42 923	-	-
Macomb	200	4 809	290 418	-	-
Manistee	40	471	15 686	-	-
Marquette	30	580	28 570	1	(D)

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)—Con.					
Counties, 1982—Con.					
Mason	147	3 197	184 813	1	(D)
Mecosta	194	3 352	168 979	-	-
Menominee	207	4 753	234 709	1	(D)
Midland	99	1 676	97 975	1	(D)
Missaukee	143	3 443	204 804	2	(D)
Monroe	337	6 560	421 362	-	-
Montcalm	361	8 511	472 586	2	(D)
Montmorency	60	2 264	112 075	-	-
Muskegon	98	1 744	98 960	1	(D)
Newaygo	172	2 651	126 241	-	-
Oakland	70	1 971	112 614	-	-
Oceana	84	1 097	57 425	-	-
Ogemaw	134	3 555	237 323	-	-
Ontonegon	49	890	24 671	-	-
Osceola	173	3 771	209 265	1	(D)
Oscoda	23	211	11 090	-	-
Otsego	71	1 767	86 679	1	(D)
Ottawa	341	5 177	287 185	-	-
Presque Isle	199	6 679	360 906	4	64
Roscommon	6	78	5 050	-	-
Saginaw	415	6 853	471 121	-	-
St. Clair	493	12 623	882 891	-	-
St. Joseph	118	2 087	90 597	3	(D)
Sanilac	1 106	42 785	3 234 891	8	73
Schoolcraft	23	730	23 222	-	-
Shiawassee	622	19 321	1 286 571	-	-
Tuscola	531	12 409	913 177	1	(D)
Van Buren	103	1 813	69 683	-	-
Washtenaw	501	12 701	818 462	-	-
Wayne	38	628	25 846	-	-
Wexford	58	1 256	62 109	-	-
POPCORN (POUNDS, SHELLED)					
State Total					
Michigan 1982	54	5 027	17 561 702	22	2 454
1978	40	1 686	5 814 509	8	1 094
Counties, 1982					
Berrien	3	(D)	2 000 780	-	-
Branch	6	780	2 861 638	6	568
St. Joseph	24	2 358	8 075 067	9	1 274
Shiawassee	3	4	2 600	-	-
Van Buren	9	984	3 595 167	6	(D)
All other counties	9	(D)	1 026 450	1	(D)
RYE FOR GRAIN (BUSHELS)					
State Total					
Michigan 1982	938	14 818	391 576	10	434
1978	676	11 906	291 671	2	(D)
Counties, 1982					
Alcona	4	21	562	-	-
Allegan	38	502	11 179	-	-
Alpena	10	109	2 943	-	-
Antrim	9	224	6 195	1	(D)
Arenac	4	20	865	-	-
Barry	4	(D)	1 793	-	-
Bay	21	98	3 540	1	(D)
Benzie	9	156	3 267	-	-
Berrien	26	294	6 891	-	-
Branch	12	144	3 867	-	-
Calhoun	12	267	7 672	-	-
Cass	16	258	6 817	-	-
Charlevoix	11	110	3 338	-	-
Cheboygan	6	(D)	1 605	-	-
Clare	14	149	3 205	-	-
Clinton	11	212	8 146	-	-
Delta	6	47	1 520	-	-
Eaton	8	98	4 060	-	-
Emmet	7	58	1 210	-	-
Genesee	11	128	3 108	-	-
Gladwin	4	26	793	-	-
Grand Traverse	23	357	7 466	-	-
Gratiot	25	647	17 321	-	-
Hillsdale	16	209	6 276	-	-
Huron	8	64	3 260	-	-
Ingham	11	159	4 868	-	-
Ionia	4	72	2 280	-	-
Isabella	15	380	9 988	-	-
Jackson	11	88	2 091	-	-
Kalamazoo	18	276	8 589	-	-
Kalkaska	6	180	4 484	1	(D)
Kent	36	556	13 968	1	(D)
Lake	6	59	721	-	-
Lapeer	5	37	1 229	-	-
Leelanau	19	360	10 905	-	-
Lenawee	15	98	3 188	-	-
Livingston	3	23	(D)	-	-
Macomb	3	23	625	-	-
Manistee	23	425	6 685	1	(D)
Mason	23	333	7 220	-	-

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
RYE FOR GRAIN (BUSHELS)—Con.					
Counties, 1982—Con.					
Mecoste	41	618	17 348	-	-
Midland	3	31	510	-	-
Missaukee	4	34	430	-	-
Monroe	10	577	19 752	-	-
Montcalm	65	1 225	32 611	-	-
Muskegon	8	133	5 305	-	-
Newaygo	13	188	3 547	2	(D)
Oakland	3	(D)	(D)	-	-
Oceane	63	814	20 238	-	-
Ogemaw	5	44	1 588	-	-
Osceola	9	264	3 705	-	-
Otsego	11	142	3 845	-	-
Ottawa	29	337	10 014	3	6
Presque Isle	19	199	5 277	-	-
Saginaw	11	97	3 523	-	-
St. Clair	4	102	1 854	-	-
St. Joseph	32	698	16 427	-	-
Shiawassee	10	338	9 831	-	-
Tuscola	23	397	12 674	-	-
Van Buren	20	512	10 765	-	-
Washtenaw	17	301	9 108	-	-
Wayne	3	11	295	-	-
Wexford	5	109	2 890	-	-
All other counties	17	184	4 665	-	-
SUNFLOWER SEED (POUNDS)					
State Total					
Michigan 1982	105	5 541	6 095 118	-	-
1978	98	4 463	4 713 048	1	(D)
Counties, 1982					
Barry	3	(D)	(D)	-	-
Berrien	5	186	308 411	-	-
Branch	5	70	72 000	-	-
Clinton	5	390	233 400	-	-
Eaton	4	174	226 360	-	-
Grand Traverse	3	163	182 400	-	-
Kent	8	1 020	(D)	-	-
Lenawee	3	(D)	(D)	-	-
Manistee	3	(D)	(D)	-	-
Mason	5	153	148 575	-	-
Mecosta	3	44	45 600	-	-
Montcalm	5	156	(D)	-	-
Muskegon	3	39	37 214	-	-
Ogemaw	5	126	137 150	-	-
St. Joseph	3	(D)	(D)	-	-
Shiawassee	7	55	62 942	-	-
Tuscola	3	62	79 000	-	-
Van Buren	4	(D)	(D)	-	-
Washtenaw	4	165	241 000	-	-
All other counties	24	2 042	2 322 760	-	-

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)					
State Total					
Michigan 1982	14 905	1 122 617	34 307 197	278	24 942
1978	13 914	888 449	21 174 856	201	11 307
Counties, 1982					
Allegan	118	5 926	200 578	10	518
Alpena	6	406	9 915	-	-
Arenac	128	6 918	162 686	1	(D)
Barry	148	8 506	248 496	5	210
Bay	361	18 879	558 461	4	210
Berrien	523	26 775	807 431	9	340
Branch	597	40 292	1 208 962	57	6 248
Calhoun	386	24 691	716 126	12	1 407
Cass	378	25 908	799 088	17	2 378
Clare	14	356	7 055	-	-
Clinton	882	54 946	1 782 827	2	(D)
Eaton	432	25 208	819 951	1	(D)
Genesee	388	31 532	921 140	-	-
Gladwin	41	1 650	39 427	-	-
Gratiot	751	65 918	2 181 110	3	230
Hillsdale	591	36 893	1 083 516	-	-
Huron	93	4 901	132 881	1	(D)
Ingham	306	26 108	855 761	-	-
Ionia	343	20 890	716 132	3	140
Iosco	7	434	10 766	-	-

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)—Con.					
Counties, 1982—Con.					
Isabella	242	13 255	320 092	3	62
Jackson	137	6 374	178 684	1	(D)
Kalamazoo	262	24 982	763 118	16	2 203
Kent	47	2 673	85 445	1	(D)
Lapeer	182	9 168	222 689	-	-
Lenawee	1 073	108 653	3 786 656	-	-
Livingston	73	4 351	110 054	-	-
Macomb	301	23 128	657 351	1	(D)
Mason	4	151	3 565	-	-
Mecosta	4	180	(D)	-	-
Midland	222	17 164	493 177	3	84
Monroe	1 027	99 056	2 968 551	6	194
Montcalm	106	6 340	194 604	-	-
Muskegon	9	593	18 371	-	-
Newaygo	7	177	5 627	-	-
Oakland	14	987	28 569	-	-
Oceana	3	83	(D)	-	-
Ogemaw	4	(D)	(D)	-	-
Osceola	3	(D)	(D)	-	-
Ottawa	35	1 218	33 015	3	105
Saginaw	1 198	117 778	3 790 055	5	193
St. Clair	577	48 909	1 289 954	2	(D)
St. Joseph	494	36 642	1 110 698	98	9 355
Sanilac	495	37 794	1 037 905	-	-
Shiawassee	837	68 900	2 053 658	5	92
Tuscola	348	22 162	734 330	1	(D)
Van Buren	208	10 987	273 708	2	(D)
Washtenaw	310	19 902	561 697	5	611
Wayne	175	12 124	269 892	1	(D)
All other counties	15	1 260	37 493	-	-
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)					
State Total					
Michigan 1982	5 841	502 275	7 162 215	89	10 302
1978	5 218	441 925	5 152 520	68	7 726
Counties, 1982					
Allegan	5	168	1 230	-	-
Alpena	18	1 441	11 927	-	-
Antrim	4	(D)	(D)	2	(D)
Arenac	139	12 825	138 509	-	-
Barry	39	2 085	30 398	-	-
Bay	638	48 969	638 545	5	186
Berrien	4	121	2 271	-	-
Calhoun	9	259	3 697	-	-
Cass	4	20	322	-	-
Cheboygan	3	(D)	(D)	1	(D)
Clare	5	(D)	1 055	-	-
Clinton	116	7 405	130 012	-	-
Delta	9	1 162	9 605	-	-
Eaton	233	16 625	241 313	-	-
Emmet	4	(D)	(D)	-	-
Genesee	28	1 216	18 815	-	-
Gladwin	39	2 902	33 055	-	-
Gratiot	528	48 128	721 257	8	627
Hillsdale	4	27	330	-	-
Huron	1 075	105 661	1 566 184	5	331
Ingham	19	2 146	37 909	-	-
Ionia	125	10 388	162 884	4	(D)
Iosco	9	968	6 476	-	-
Isabella	233	17 094	188 559	2	(D)
Kent	19	1 371	25 386	2	(D)
Lapeer	69	7 413	113 979	-	-
Lenawee	15	383	5 547	-	-
Livingston	5	299	(D)	-	-
Macomb	17	472	6 578	-	-
Manistee	5	716	10 403	4	674
Mason	6	247	2 284	-	-
Mecosta	29	2 928	37 395	6	964
Midland	156	14 130	181 942	1	(D)
Montcalm	221	20 415	320 662	37	5 698
Montmorency	3	411	3 712	-	-
Newaygo	4	92	(D)	-	-
Ogemaw	4	(D)	(D)	-	-
Osceola	3	(D)	(D)	-	-
Presque Isle	60	5 436	51 993	1	(D)
Saginaw	538	39 716	598 254	2	(D)
St. Clair	88	3 967	49 108	1	(D)
St. Joseph	3	(D)	(D)	-	-
Sanilac	529	46 979	576 174	3	69
Shiawassee	90	2 553	43 724	-	-
Tuscola	670	72 865	1 164 247	2	(D)
Washtenaw	5	37	723	2	(D)
All other counties	12	428	5 190	1	(D)

Table 25. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (CWT)					
State Total					
Michigan 1982	768	48 703	12 423 578	237	26 556
1978	791	43 873	10 021 208	216	21 409
Counties, 1982					
Alcona	4	4	528	-	-
Alger	4	1	290	-	-
Allegan	17	2 079	560 047	11	902
Alpena	9	(D)	(D)	-	-
Antrim	14	1 453	381 950	8	1 254
Arenac	11	2 025	312 796	5	1 000
Barry	3	8	(D)	-	-
Bay	86	5 758	1 347 174	28	2 271
Berrien	20	89	22 432	5	29
Branch	6	7	449	1	(D)
Calhoun	4	(D)	(D)	-	-
Cass	7	(D)	(D)	2	(D)
Charlevoix	7	15	2 569	-	-
Cheboygan	7	2	399	-	-
Chippewa	3	(D)	(D)	-	-
Clare	3	4	(D)	-	-
Clinton	6	(D)	(D)	1	(D)
Crawford	3	(D)	(D)	-	-
Delta	17	819	166 908	7	349
Dickinson	12	1 444	336 800	8	735
Eaton	5	891	177 120	1	(D)
Emmet	14	532	109 260	1	(D)
Genesee	9	(D)	(D)	2	(D)
Grand Traverse	6	8	1 170	-	-
Houghton	20	407	89 359	-	-
Huron	11	530	111 340	2	(D)
Ingham	13	218	57 564	4	58
Iron	7	567	136 580	5	527
Isabella	4	3	404	-	-
Jackson	6	(D)	(D)	2	(D)
Kalamazoo	4	87	18 290	2	(D)
Kalkaska	7	931	224 230	4	870
Kent	12	550	178 400	6	492
Lapeer	16	567	155 004	4	(D)
Leelanau	6	131	32 950	1	(D)
Lenawee	10	477	150 450	1	(D)
Mackinac	4	7	(D)	1	(D)
Macomb	10	(D)	(D)	1	(D)
Manistee	11	1 032	251 568	8	1 029
Marquette	13	318	85 909	-	-
Mason	3	(D)	(D)	1	(D)
Mecosta	8	1 526	504 213	6	1 465
Menominee	10	39	3 166	-	-
Midland	7	(D)	(D)	1	(D)
Missaukee	4	231	54 150	4	201
Monroe	19	3 187	742 045	3	570
Montcalm	60	11 208	3 556 413	46	10 141
Muskegon	3	(D)	(D)	2	(D)
Newaygo	10	136	(D)	4	(D)
Oakland	8	12	1 382	4	10
Oceana	10	44	2 862	6	39
Ontonagon	5	5	892	-	-
Osceola	5	(D)	(D)	1	(D)
Otsego	11	463	95 965	3	176
Ottawa	18	404	109 099	5	246
Presque Isle	44	3 312	773 982	12	969
Saginaw	12	393	59 019	3	(D)
St. Clair	6	73	12 505	-	-
St. Joseph	13	12	2 139	3	(D)
Sanilac	4	13	1 427	-	-
Schoolcraft	5	(D)	(D)	-	-
Shiawassee	7	262	55 040	-	-
Tuscola	18	1 418	318 570	5	587
Van Buren	12	102	13 582	2	(D)
Washtenaw	10	(D)	(D)	3	(D)
Wayne	6	16	2 043	-	-
Wexford	3	1	111	1	(D)
All other counties	16	822	218 288	1	(D)
SUGAR BEETS FOR SUGAR (TONS)					
State Total					
Michigan 1982	1 351	96 582	1 810 556	14	550
1978	1 478	89 077	1 659 413	19	796
Counties, 1982					
Arenac	40	2 193	40 034	2	(D)
Bay	318	16 134	293 460	8	271
Gladwin	5	324	5 711	-	-
Gratiot	51	4 985	90 107	1	(D)
Huron	337	21 449	423 846	-	-
Midland	16	2 254	37 763	-	-
Saginaw	177	13 436	254 952	-	-
St. Clair	14	894	15 611	-	-
Sanilac	96	10 871	189 882	-	-
Shiawassee	3	135	2 425	-	-
Tuscola	286	23 490	449 370	3	179
All other counties	8	417	7 395	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS						
State Total						
Michigan	1982	817	15 101	(X)	1	(D)
	1978	654	12 475	(X)	2	(D)
Counties, 1982						
Allegan		20	252	(X)	-	-
Alpena		12	159	(X)	-	-
Barry		30	943	(X)	-	-
Barrien		3	(D)	(X)	-	-
Branch		14	265	(X)	-	-
Calhoun		25	409	(X)	-	-
Cass		8	247	(X)	-	-
Cheboygan		5	56	(X)	-	-
Chippewa		45	4 123	(X)	-	-
Clare		10	158	(X)	-	-
Clinton		12	166	(X)	-	-
Delta		4	72	(X)	-	-
Eaton		22	541	(X)	-	-
Genesee		8	103	(X)	-	-
Grand Traverse		6	97	(X)	-	-
Hillsdale		8	55	(X)	-	-
Huron		4	33	(X)	-	-
Ingham		12	237	(X)	-	-
Ionia		28	585	(X)	-	-
Iosco		5	78	(X)	1	(D)
Isabella		45	746	(X)	-	-
Jackson		23	344	(X)	-	-
Kalamazoo		3	21	(X)	-	-
Kant		22	371	(X)	-	-
Lenawee		6	123	(X)	-	-
Livingston		13	286	(X)	-	-
Mason		3	56	(X)	-	-
Mecosta		12	247	(X)	-	-
Monroe		3	16	(X)	-	-
Montcalm		43	887	(X)	-	-
Muskegon		4	40	(X)	-	-
Newaygo		5	58	(X)	-	-
Ogemaw		6	63	(X)	-	-
Ontonagon		19	984	(X)	-	-
Osceola		17	390	(X)	-	-
Ottawa		7	74	(X)	-	-
St. Clair		7	59	(X)	-	-
St. Joseph		6	115	(X)	-	-
Sanilac		12	138	(X)	-	-
Shiawassee		18	322	(X)	-	-
Tuscola		3	17	(X)	-	-
Van Buran		7	122	(X)	-	-
Washtenaw		24	366	(X)	-	-
Wexford		3	58	(X)	-	-
All other counties		25	(D)	(X)	-	-
ALFALFA SEED (POUNDS)						
State Total						
Michigan	1982	12	105	8 448	-	-
	1978	85	1 149	95 305	1	(D)
Counties, 1982						
Osceola		3	23	860	-	-
All other counties		9	82	7 588	-	-
BIRDSFOOT TREFOIL SEED (POUNDS)						
State Total						
Michigan	1982	71	5 156	507 013	-	-
	1978	40	1 414	113 225	-	-
Counties, 1982						
Chippewa		41	3 902	394 654	-	-
Delta		3	(D)	4 700	-	-
Ontonagon		17	946	88 320	-	-
Osceola		3	38	2 280	-	-
All other counties		7	(D)	17 059	-	-
RED CLOVER SEED (POUNDS)						
State Total						
Michigan	1982	525	9 452	1 214 617	1	(D)
	1978	515	9 129	935 120	-	-
Counties, 1982						
Allegan		20	252	25 349	-	-
Alpena		10	128	7 628	-	-
Barry		30	943	140 051	-	-
Branch		12	(D)	36 682	-	-
Calhoun		25	409	41 460	-	-
Cass		8	247	24 492	-	-
Cheboygan		4	(D)	2 010	-	-
Chippewa		6	(D)	9 060	-	-
Clare		10	158	15 744	-	-
Clinton		12	166	15 680	-	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
RED CLOVER SEED (POUNDS)—Con.					
Counties, 1982—Con.					
Eaton	22	541	54 203	-	-
Genesee	8	103	19 322	-	-
Grand Traversa	6	97	5 468	-	-
Hillsdale	8	55	6 480	-	-
Huron	3	(D)	(D)	-	-
Ingham	12	237	23 150	-	-
Ionia	28	585	89 628	-	-
Iosco	5	78	7 624	1	(D)
Isabella	44	(D)	93 253	-	-
Jackson	23	344	37 772	-	-
Kalamazoo	3	21	696	-	-
Kent	22	371	75 329	-	-
Lenawee	6	123	9 456	-	-
Livingston	13	286	59 630	-	-
Mason	3	56	5 400	-	-
Mecosta	10	(D)	15 749	-	-
Monroe	3	16	2 844	-	-
Montcalm	41	869	143 277	-	-
Muskegon	4	40	4 000	-	-
Newaygo	5	58	3 830	-	-
Ogemaw	6	63	6 970	-	-
Ontonagon	3	(D)	(D)	-	-
Osceola	13	329	57 706	-	-
Ottawa	7	74	5 948	-	-
St. Clair	5	(D)	6 086	-	-
St. Joseph	5	(D)	3 680	-	-
Sanilac	11	(D)	12 128	-	-
Shiawassee	15	245	38 044	-	-
Tuscola	3	17	2 400	-	-
Van Buren	7	122	13 069	-	-
Washtenaw	24	(D)	37 194	-	-
All other counties	20	432	51 369	-	-
TIMOTHY SEED (POUNDS)					
State Total					
Michigan 1982	16	233	23 975	-	-
1978	35	479	82 756	-	-
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)					
State Total					
Michigan 1982	28 522	1 365 495	3 476 731	139	5 373
1978	32 863	1 561 452	3 599 083	217	9 788
Counties, 1982					
Alcona	239	14 233	31 129	-	-
Alger	61	5 335	8 376	-	-
Allegan	871	37 969	108 491	2	(D)
Alpena	352	14 922	32 073	-	-
Antrim	153	11 170	21 393	3	88
Arenac	171	10 094	28 987	-	-
Baraga	63	3 945	6 400	-	-
Barry	671	27 729	86 782	3	233
Bay	139	3 776	11 310	-	-
Benzia	62	1 689	3 344	-	-
Berrian	347	7 257	19 049	-	-
Branch	447	12 127	35 144	12	419
Calhoun	639	23 798	66 217	1	(D)
Cass	431	13 914	38 972	5	(D)
Charlevoix	192	11 273	19 959	1	(D)
Cheboygan	154	11 086	17 351	1	(D)
Chippewa	318	35 768	50 330	-	-
Clare	246	15 995	36 016	1	(D)
Clinton	706	29 509	92 605	4	184
Delta	239	16 417	29 359	-	-
Dickinson	95	7 718	12 661	-	-
Eaton	644	21 222	63 266	-	-
Emmet	198	10 180	17 395	-	-
Genesee	435	15 918	39 433	1	(D)
Gladwin	300	13 876	31 612	-	-
Gogebic	68	3 254	4 768	-	-
Grand Traversa	207	10 944	22 801	-	-
Gratiot	376	14 036	40 236	-	-
Hillsdale	632	23 535	71 603	6	113
Houghton	142	7 969	11 440	-	-
Huron	760	38 144	133 346	3	122
Ingham	561	24 577	77 614	2	(D)
Ionia	688	30 347	98 685	1	(D)
Iosco	187	10 990	25 606	3	20
Iron	79	6 893	12 021	-	-
Isabella	603	32 720	87 894	1	(D)
Jackson	687	30 575	84 590	3	168
Kalamazoo	380	13 747	35 279	5	253
Kalkaska	54	3 206	5 849	2	(D)
Kent	839	38 757	110 809	5	382

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)—Con.					
Counties, 1982—Con.					
Lake	93	4 653	8 069	-	-
Lapeer	871	38 264	105 033	1	(D)
Leelanau	160	7 000	12 495	-	-
Lenawee	423	18 937	56 421	3	292
Livingston	525	24 601	66 920	3	8
Luce	26	2 401	2 996	-	-
Mackinac	84	9 658	14 047	-	-
Macomb	278	8 752	20 879	1	(D)
Manistee	170	5 157	10 767	-	-
Marquette	85	4 546	7 575	-	-
Mason	258	15 331	42 181	2	(D)
Mecosta	540	33 114	81 330	3	77
Menominee	398	33 428	69 899	1	(D)
Midland	153	3 939	10 674	-	-
Missaukee	304	33 032	76 096	6	189
Monroe	234	5 399	13 303	2	(D)
Montcalm	616	31 321	92 749	5	220
Montmorency	80	5 311	10 632	-	-
Muskegon	285	14 462	40 156	3	65
Newaygo	567	27 982	73 481	4	182
Oakland	306	12 981	30 342	2	(D)
Oceana	364	14 192	33 756	2	(D)
Ogemaw	256	18 926	44 224	-	-
Ontonegon	125	9 967	14 672	-	-
Osceola	468	36 500	74 393	2	(D)
Oscoda	71	4 598	11 706	-	-
Otsego	113	6 993	11 916	-	-
Ottawa	797	28 720	88 410	4	15
Presque Isle	248	15 220	30 719	1	(D)
Roscommon	21	1 043	1 642	1	(D)
Saginaw	366	10 725	35 668	3	154
St. Clair	675	24 801	51 291	3	47
St. Joseph	436	13 980	39 997	11	602
Senilac	1 072	71 643	198 990	4	153
Schoolcraft	40	3 455	5 225	-	-
Shiawassee	575	23 317	69 012	1	(D)
Tuscola	574	21 733	59 059	2	(D)
Van Buren	455	13 289	35 139	3	(D)
Washtenew	718	26 853	74 470	1	(D)
Wayne	73	2 560	4 171	-	-
Wexford	172	9 818	15 682	-	-
All other counties	11	279	369	-	-
ALFALFA HAY (TONS, DRY)					
State Total					
Michigan 1982	24 290	950 169	2 711 102	111	3 713
1978	27 963	1 091 640	2 803 200	182	6 636
Counties, 1982					
Alcona	227	12 265	27 726	-	-
Alger	46	3 292	5 818	-	-
Allegan	714	24 792	81 381	2	(D)
Alpena	318	11 869	27 743	-	-
Antrim	129	9 011	18 998	1	(D)
Arenac	154	7 695	24 616	-	-
Barage	25	1 322	2 547	-	-
Berry	583	21 606	74 149	2	(D)
Bay	119	2 918	9 561	-	-
Benzie	60	1 509	2 851	-	-
Berrien	281	5 583	16 042	-	-
Branch	368	9 502	29 503	11	(D)
Calhoun	563	17 996	55 132	1	(D)
Cass	393	11 153	33 846	5	(D)
Charlevoix	173	8 739	16 624	1	(D)
Cheboygan	139	7 309	11 905	1	(D)
Chippewa	41	2 605	3 269	-	-
Clare	216	10 662	25 702	-	-
Clinton	623	20 700	73 703	4	184
Crawford	8	203	325	-	-
Delta	190	10 336	20 585	-	-
Dickinson	77	5 404	8 820	-	-
Eaton	546	15 586	52 349	-	-
Emmet	173	7 855	14 191	-	-
Genesee	365	10 521	29 813	1	(D)
Gladwin	232	10 230	25 549	-	-
Gogebic	25	1 075	1 760	-	-
Grand Traverse	193	9 058	20 051	-	-
Gratiot	326	9 373	29 808	-	-
Hillsdale	570	18 372	61 928	5	(D)
Houghton	68	3 689	5 597	-	-
Huron	707	26 529	96 532	2	(D)
Ingham	512	17 033	60 925	2	(D)
Ionia	601	22 343	79 985	1	(D)
Iosco	151	7 493	19 524	1	(D)
Iron	30	1 996	3 502	-	-
Isabella	557	27 028	78 345	1	(D)
Jackson	625	24 475	73 612	2	(D)
Kalamazoo	340	10 315	29 468	3	(D)
Kalkaska	53	2 882	5 511	2	(D)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
ALFALFA HAY (TONS, DRY)—Con.					
Counties, 1982—Con.					
Kent	759	29 666	90 943	4	(D)
Lake	78	3 513	6 321	-	-
Lapeer	774	28 949	86 309	1	(D)
Leelanau	148	5 831	10 580	-	-
Lenawee	338	12 125	42 824	2	(D)
Livingston	467	17 990	53 928	3	(D)
Luce	19	1 455	1 791	-	-
Mackinac	35	2 607	3 854	-	-
Macomb	225	5 668	15 593	-	-
Manistee	152	4 405	9 181	-	-
Marquette	30	2 022	3 727	-	-
Mason	234	11 559	33 743	2	(D)
Mecosta	507	27 037	68 120	2	(D)
Menominee	354	21 087	50 914	-	-
Midland	104	2 656	9 049	-	-
Missaukee	287	23 314	60 522	4	125
Monroe	185	3 748	9 380	2	(D)
Montcalm	572	24 105	79 130	5	(D)
Montmorency	72	3 873	8 416	-	-
Muskegon	231	9 926	30 880	2	(D)
Newaygo	518	19 965	57 679	4	182
Oakland	263	10 255	26 563	2	(D)
Oceana	338	10 822	27 388	2	(D)
Ogemaw	231	13 775	35 349	-	-
Ontonagon	22	1 130	2 001	-	-
Osceola	407	25 381	55 142	-	-
Oscoda	68	4 148	11 191	-	-
Otsego	104	6 153	10 885	-	-
Ottawa	637	20 018	69 671	1	(D)
Presque Isle	224	10 858	22 749	1	(D)
Roscommon	13	633	1 091	1	(D)
Saginaw	324	8 384	30 372	2	(D)
St. Clair	457	14 125	33 199	3	47
St. Joseph	405	11 879	36 994	11	(D)
Sanilac	930	46 944	149 309	4	(D)
Schoolcraft	24	1 396	2 260	-	-
Shiawassee	524	16 897	55 715	-	-
Tuscola	501	15 295	44 887	1	(D)
Van Buren	361	8 946	25 989	3	(D)
Washtenaw	639	20 386	62 979	1	(D)
Wayne	53	970	2 098	-	-
Wexford	155	7 949	13 090	-	-
SMALL GRAIN HAY (TONS, DRY)					
State Total					
Michigan—1982	1 407	28 158	51 893	4	(D)
1978	1 244	24 250	38 114	1	(D)
Counties, 1982					
Alcona	11	(D)	(D)	-	-
Alger	3	(D)	(D)	-	-
Allegan	55	827	1 591	-	-
Alpena	18	356	584	-	-
Antrim	9	139	84	-	-
Arenac	13	229	555	-	-
Baraga	3	47	(D)	-	-
Barry	20	282	571	-	-
Bay	6	44	51	-	-
Benzie	4	44	163	-	-
Berrien	9	204	437	-	-
Branch	13	158	165	-	-
Calhoun	19	405	712	-	-
Cass	14	266	(D)	-	-
Charlevoix	5	28	21	-	-
Cheboygan	12	375	541	-	-
Chippewa	10	218	165	-	-
Clare	11	228	257	-	-
Clinton	52	1 076	1 959	-	-
Delta	12	453	379	-	-
Dickinson	11	330	651	-	-
Eaton	32	467	1 110	-	-
Emmet	9	274	304	-	-
Genesee	21	442	875	-	-
Gladwin	20	235	317	-	-
Gogebic	4	7	11	-	-
Grand Traverse	7	132	185	-	-
Gratiot	24	571	1 577	-	-
Hillsdale	28	475	656	-	-
Houghton	11	236	289	-	-
Huron	33	584	1 285	-	-
Ingham	22	361	859	-	-
Ionia	43	906	1 653	-	-
Iosco	18	215	292	2	(D)
Iron	8	405	(D)	-	-
Isabella	22	409	729	-	-
Jackson	30	553	1 097	-	-
Kalamazoo	13	170	167	-	-
Kent	28	411	961	-	-
Lake	6	49	(D)	-	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)—Con.					
Counties, 1982—Con.					
Lapeer	37	868	1 524	-	-
Leelanau	4	53	(D)	-	-
Lenawee	44	1 077	2 420	1	(D)
Livingston	17	442	958	-	-
Mackinac	5	363	345	-	-
Macomb	13	428	465	-	-
Menistee	7	63	165	-	-
Marquette	9	83	139	-	-
Mason	14	351	814	1	(D)
Mecosta	20	244	273	-	-
Menominee	24	478	871	-	-
Midland	16	213	455	-	-
Missaukee	18	296	661	-	-
Monroe	11	437	1 614	-	-
Montcalm	32	440	664	-	-
Montmorency	5	236	(D)	-	-
Muskegon	24	330	719	-	-
Newaygo	25	386	911	-	-
Oakland	13	165	338	-	-
Oceana	14	190	264	-	-
Ogemaw	14	571	693	-	-
Ontonagon	6	174	232	-	-
Osceola	21	363	727	-	-
Oscoda	7	87	147	-	-
Otsego	8	149	164	-	-
Ottawa	49	903	2 253	-	-
Presque Isle	14	265	299	-	-
Saginaw	23	421	856	-	-
St. Clair	18	244	365	-	-
St. Joseph	11	596	625	-	-
Sanilac	78	2 334	5 447	-	-
Schoolcraft	5	(D)	(D)	-	-
Shiawassee	30	536	1 572	-	-
Tuscola	28	390	598	-	-
Van Buren	21	266	384	-	-
Washtenaw	26	561	547	-	-
All other counties	7	250	268	-	-
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)					
State Total					
Michigan 1982	5 149	148 853	251 407	7	96
1978	6 163	176 208	299 958	10	223
Counties, 1982					
Alcona	24	717	1 258	-	-
Alger	18	807	1 016	-	-
Allegan	177	2 815	6 245	-	-
Alpena	50	1 236	1 764	-	-
Antrim	23	553	551	-	-
Arenac	13	536	1 011	-	-
Baraga	41	1 999	3 225	-	-
Barry	126	2 363	4 260	-	-
Bay	15	220	236	-	-
Berrien	77	801	1 334	-	-
Branch	97	1 340	2 842	-	-
Calhoun	115	1 630	3 005	-	-
Cass	67	1 057	2 453	-	-
Charlevoix	23	425	563	-	-
Cheboygan	26	894	1 616	-	-
Chippewa	277	28 145	37 399	-	-
Clare	33	1 722	3 343	-	-
Clinton	85	1 513	2 694	-	-
Delta	78	3 063	4 034	-	-
Dickinson	26	887	1 690	-	-
Eaton	137	2 300	4 456	-	-
Emmet	31	793	933	-	-
Genesee	80	2 573	4 284	-	-
Gladwin	79	2 119	4 121	-	-
Gogebic	41	1 647	2 248	-	-
Grend Traverse	24	597	788	-	-
Gratiot	34	654	1 623	-	-
Hillsdale	77	1 106	2 260	-	-
Houghton	79	3 042	4 445	-	-
Huron	59	1 593	3 748	-	-
Ingham	65	1 084	1 965	-	-
Ionia	141	2 095	4 669	-	-
Iosco	38	1 520	2 548	-	-
Iron	55	3 325	5 806	-	-
Isabella	66	1 635	2 740	-	-
Jackson	91	1 300	2 898	-	-
Kalamazoo	54	651	1 142	1	(D)
Kalkaska	6	181	(D)	-	-
Kent	113	2 290	5 023	-	-
Lake	22	(D)	631	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.					
Counties, 1982—Con.					
Lapeer	117	2 308	4 679	-	-
Leelanau	14	295	351	-	-
Lenawee	75	1 226	2 497	-	-
Livingston	81	1 498	3 322	-	-
Luce	8	388	488	-	-
Mackinac	54	4 148	5 615	-	-
Macomb	60	1 276	2 170	1	(D)
Manistee	17	264	517	-	-
Marquette	51	1 896	2 203	-	-
Mason	34	702	1 416	-	-
Mecosta	65	1 649	3 032	-	-
Menominee	63	2 388	3 531	1	(D)
Midland	45	625	776	-	-
Missaukee	32	2 029	2 154	-	-
Monroe	49	690	1 239	-	-
Montcalm	81	1 240	2 373	-	-
Montmorency	8	(D)	282	-	-
Muskegon	70	1 728	2 796	-	-
Newaygo	57	893	1 573	-	-
Oakland	46	1 040	1 233	-	-
Oceana	33	1 200	2 930	-	-
Ogemaw	28	694	990	-	-
Ontonagon	101	6 694	10 236	-	-
Osceola	79	3 113	6 044	-	-
Otsego	10	216	219	-	-
Ottawa	200	3 176	6 350	3	(D)
Presque Isle	42	986	1 643	-	-
Roscommon	8	(D)	(D)	-	-
Saginaw	42	365	643	-	-
St. Clair	253	6 314	11 221	-	-
St. Joseph	46	619	869	-	-
Sanilac	181	4 634	12 149	1	(D)
Schoolcraft	18	1 765	2 579	-	-
Shiawassee	60	1 135	2 162	-	-
Tuscola	65	1 158	2 770	-	-
Van Buren	109	2 314	4 814	-	-
Washtenaw	126	2 354	4 408	-	-
Wayne	19	1 196	1 360	-	-
Wexford	13	307	298	-	-
All other counties	6	140	88	-	-
WILD HAY (TONS, DRY)					
State Total					
Michigan 1982	1 025	19 837	24 725	1	(D)
1978	1 311	26 201	30 310	5	58
Counties, 1982					
Alger	4	(D)	(D)	-	-
Allegan	42	667	1 309	-	-
Alpena	6	102	94	-	-
Antrim	12	185	139	-	-
Arenac	6	73	63	-	-
Baraga	5	185	(D)	-	-
Barry	20	460	349	-	-
Bay	7	121	103	-	-
Berrien	14	128	187	-	-
Branch	15	255	557	-	-
Calhoun	19	420	947	-	-
Cass	4	45	(D)	-	-
Charlevoix	13	239	127	-	-
Cheboygan	11	323	314	-	-
Chippewa	13	272	378	-	-
Clare	13	362	515	-	-
Clinton	8	173	198	-	-
Delta	15	369	288	-	-
Dickinson	4	98	52	-	-
Eaton	21	249	271	-	-
Emmet	13	298	221	-	-
Genesee	23	419	402	-	-
Gladwin	12	166	226	-	-
Gogebic	11	(D)	464	-	-
Grand Traverse	4	116	95	-	-
Gratiot	10	115	231	-	-
Hillsdale	5	72	109	-	-
Houghton	19	440	408	-	-
Huron	16	231	222	-	-
Ingham	16	192	267	-	-
Ionia	14	155	234	-	-
Iosco	15	454	793	-	-
Iron	16	530	(D)	-	-
Isabella	6	91	72	-	-
Jackson	13	172	243	-	-
Kalamazoo	8	164	140	-	-
Kent	22	423	500	-	-
Lapeer	27	486	514	-	-
Leelanau	5	81	(D)	-	-
Lenawee	6	72	89	-	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)—Con.					
Counties, 1982—Con.					
Livingston	13	105	104	1	(D)
Luce	3	(D)	(D)	-	-
Mackinac	5	565	680	-	-
Macomb	15	165	206	-	-
Manistee	8	112	96	-	-
Marquette	12	248	131	-	-
Mason	6	58	67	-	-
Mecosta	15	264	327	-	-
Menominee	19	371	485	-	-
Midland	19	249	291	-	-
Missaukee	8	378	700	-	-
Monroe	10	76	191	-	-
Montcalm	12	117	146	-	-
Muskegon	20	231	279	-	-
Newaygo	25	459	546	-	-
Oakland	18	757	818	-	-
Oceana	8	64	56	-	-
Ogemaw	6	105	227	-	-
Ontonagon	9	590	654	-	-
Osceola	21	768	863	-	-
Ottawa	31	249	299	-	-
Presque Isle	9	141	70	-	-
Roscommon	3	(D)	(D)	-	-
Saginaw	17	239	220	-	-
St. Clair	54	1 157	1 538	-	-
Sanilac	38	693	1 082	-	-
Schoolcraft	3	78	126	-	-
Shiawassee	12	141	172	-	-
Tuscola	27	318	312	-	-
Van Buren	16	211	247	-	-
Washtenaw	19	246	328	-	-
Wayne	13	345	655	-	-
Wexford	8	(D)	(D)	-	-
All other counties	10	164	330	-	-
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (SEE TEXT) (TONS, GREEN)					
State Total					
Michigan 1982	3 909	218 478	1 312 877	29	1 412
1978	(NA)	243 153	1 278 355	(NA)	2 866
Counties, 1982					
Alcona	19	1 133	5 639	-	-
Alger	9	1 089	4 258	-	-
Allegan	172	8 868	53 894	-	-
Alpena	40	1 359	5 670	-	-
Antrim	20	1 282	4 862	2	(D)
Arenac	28	1 561	8 230	-	-
Baraga	5	392	1 140	-	-
Barry	55	3 018	22 361	2	(D)
Bay	14	473	4 076	-	-
Berrien	15	541	3 154	-	-
Branch	30	872	6 234	1	(D)
Calhoun	64	3 347	19 266	1	(D)
Cass	33	1 393	7 196	-	-
Charlevoix	18	1 842	7 873	1	(D)
Cheboygan	14	2 185	8 923	-	-
Chippewa	44	4 528	27 353	-	-
Clare	31	3 021	18 601	1	(D)
Clinton	113	6 047	42 152	-	-
Delta	39	2 196	12 212	-	-
Dickinson	19	999	4 342	-	-
Eaton	67	2 620	15 238	-	-
Emmet	18	960	5 235	-	-
Genesee	49	1 963	12 168	-	-
Gladwin	32	1 126	4 189	-	-
Gogebic	3	(D)	855	-	-
Grand Traverse	16	1 041	5 048	-	-
Gratiot	66	3 323	20 979	-	-
Hillsdale	65	3 510	19 956	1	(D)
Houghton	10	562	2 106	-	-
Huron	152	9 207	94 688	1	(D)
Ingham	85	5 907	40 793	-	-
Ionia	103	4 848	36 428	-	-
Iosco	21	1 308	7 351	-	-
Iron	7	637	4 067	-	-
Isabella	81	3 557	18 022	-	-
Jackson	66	4 075	20 225	1	(D)
Kalamazoo	40	2 447	13 078	2	(D)
Kalkaska	4	(D)	723	-	-
Kent	120	5 967	40 139	2	(D)
Lake	12	632	3 009	-	-
Lapeer	126	5 653	36 038	-	-
Leelanau	16	740	4 013	-	-
Lenawee	57	4 437	25 770	1	(D)
Livingston	90	4 566	25 845	-	-
Luce	4	249	1 100	-	-
Mackinac	20	1 975	10 664	-	-
Macomb	40	1 215	7 336	-	-
Manistee	10	313	2 426	-	-
Marquette	12	297	4 122	-	-
Mason	44	2 661	18 422	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (SEE TEXT) (TONS, GREEN)—Con.					
Counties, 1982—Con.					
Mecosta	72	3 920	28 732	1	(D)
Menominee	119	9 104	42 285	-	-
Midland	9	196	311	-	-
Missaukee	82	7 015	36 169	4	64
Monroe	14	448	2 641	-	-
Montcalm	96	5 419	31 320	1	(D)
Montmorency	13	892	4 637	-	-
Muskegon	37	2 247	16 446	1	(D)
Newaygo	87	6 279	38 319	-	-
Oakland	26	764	4 173	-	-
Oceana	48	1 916	9 359	-	-
Ogemaw	53	3 781	20 910	-	-
Ontonagon	13	1 379	4 645	-	-
Osceola	83	6 875	34 848	2	(D)
Oscoda	10	269	861	-	-
Otsego	10	475	1 945	-	-
Ottawa	122	4 374	29 514	-	-
Presque Isle	28	2 970	17 876	-	-
Saginaw	46	1 316	10 735	1	(D)
St. Clair	86	2 961	14 891	-	-
St. Joseph	32	886	4 525	1	(D)
Sanilac	287	17 038	93 029	-	-
Schoolcraft	5	(D)	(D)	-	-
Shiawassee	93	4 608	28 162	1	(D)
Tuscola	87	4 572	31 479	1	(D)
Van Buren	33	1 552	11 116	-	-
Washtenaw	77	3 306	18 621	-	-
Wexford	18	1 398	6 284	-	-
All other counties	5	133	(D)	-	-
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
State Total					
Michigan 1982	9 603	391 235	5 209 449	108	5 095
1978	10 113	423 744	4 836 027	129	5 451
Counties, 1982					
Alcona	35	1 181	10 291	-	-
Alger	16	288	2 869	-	-
Allegan	370	14 910	218 080	2	(D)
Alpena	101	3 041	29 439	-	-
Antrim	66	3 245	32 183	1	(D)
Arenac	68	2 901	31 119	-	-
Baraga	9	(D)	884	-	-
Barry	165	6 638	99 905	4	125
Bay	42	1 326	16 235	-	-
Benzie	26	698	9 214	-	-
Berrien	53	1 374	16 457	-	-
Branch	138	5 060	76 917	11	536
Calhoun	181	6 678	98 168	5	436
Cass	69	1 789	23 341	3	178
Charlevoix	79	2 215	25 787	2	(D)
Cheboygan	34	1 636	14 267	-	-
Chippewa	6	129	1 130	-	-
Clare	76	4 567	51 812	1	(D)
Clinton	270	11 525	185 167	4	(D)
Delta	64	1 964	19 324	-	-
Dickinson	33	1 024	11 271	-	-
Eaton	193	5 660	82 736	-	-
Emmet	55	1 943	20 376	-	-
Genesee	104	6 646	90 836	-	-
Gladwin	105	2 982	26 689	-	-
Gogebic	3	(D)	(D)	-	-
Grand Traverse	71	2 350	23 689	-	-
Gratiot	197	8 745	136 561	2	(D)
Hillsdale	187	8 780	139 009	3	(D)
Houghton	13	148	1 404	-	-
Huron	550	29 358	466 961	1	(D)
Ingham	205	9 277	126 088	-	-
Ionia	281	9 185	131 861	3	89
Iosco	69	2 979	38 302	-	-
Iron	7	272	2 875	-	-
Isabella	251	14 455	159 195	1	(D)
Jackson	158	9 511	141 120	5	421
Kalamazoo	91	3 873	52 387	9	536
Kalkaska	24	538	5 090	-	-
Kent	266	9 926	139 340	1	(D)
Lake	24	581	4 370	-	-
Lapeer	300	13 996	175 363	-	-
Leelanau	55	1 775	19 705	-	-
Lenawee	154	9 843	151 657	2	(D)
Livingston	162	7 077	94 234	-	-
Luce	8	(D)	1 656	-	-
Mackinac	20	890	9 352	-	-
Macomb	94	3 814	53 263	-	-
Manistee	38	828	7 524	-	-
Marquette	11	(D)	5 024	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.					
Counties, 1982—Con.					
Meson	95	2 861	32 930	1	(D)
Mecoste	146	3 804	41 221	1	(D)
Menominee	181	7 706	86 890	1	(D)
Midland	39	2 367	34 473	-	-
Missaukee	172	9 624	95 467	7	260
Monroe	78	3 217	67 462	-	-
Montcalm	188	5 453	64 832	10	199
Montmorency	24	1 176	10 843	-	-
Muskegon	102	5 289	62 272	-	-
Newaygo	176	5 626	67 481	2	(D)
Oakland	40	1 125	11 786	-	-
Oceana	150	4 025	51 922	3	133
Ogemaw	112	5 803	63 063	-	-
Ontonagon	4	(D)	590	-	-
Osceola	145	5 811	61 984	3	64
Oscoda	38	1 379	14 524	-	-
Otsego	53	1 661	15 658	-	-
Ottawa	370	11 843	171 135	3	144
Presque Isle	91	2 674	29 920	1	(D)
Saginaw	124	4 032	58 684	2	(D)
St. Clair	200	7 385	86 286	-	-
St. Joseph	117	3 323	47 615	11	246
Sanilac	638	31 077	405 308	1	(D)
Schoolcraft	5	66	735	-	-
Shiawassee	188	6 963	104 310	1	(D)
Tuscola	215	6 912	81 427	-	-
Van Buren	64	1 433	21 461	-	-
Washtenaw	191	8 113	121 911	-	-
Wayne	9	235	1 884	-	-
Wexford	47	1 508	14 027	1	(D)
All other counties	4	56	(D)	-	-
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
State Total					
Michigan 1982	128	1 604	14 939	3	20
1978	598	7 662	74 034	5	61

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)				
State Total				
Michigan 1982	3 634	119 598	778	39 060
1978	3 793	117 117	816	33 984
Counties, 1982				
Alcona	3	(D)	-	-
Alger	3	(D)	1	(D)
Allegan	108	5 022	46	2 027
Alpena	14	189	1	(D)
Antrim	11	46	3	17
Aranac	29	1 692	1	(D)
Baraga	6	14	1	(D)
Barry	48	1 534	7	(D)
Bay	125	3 457	10	285
Benzie	12	147	2	(D)
Berrien	362	8 279	90	2 545
Branch	20	311	9	244
Calhoun	28	2 214	3	(D)
Cass	59	2 594	24	1 189
Charlevoix	16	590	4	4
Cheboygan	14	34	1	(D)
Chippewa	4	32	2	(D)
Clare	5	43	-	-
Clinton	33	372	6	(D)
Crawford	4	17	1	(D)
Delta	15	59	4	13
Eaton	29	1 362	9	(D)
Emmet	12	151	4	(D)
Genesee	59	621	5	17
Gladwin	8	143	-	-
Grand Traverse	36	1 864	5	(D)
Gratiot	41	2 542	11	186
Hillsdale	24	459	6	379
Houghton	8	16	1	(D)
Huron	6	16	2	(D)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)—Con.				
Counties, 1982—Con.				
Ingham	45	1 817	12	961
Ionia	64	2 548	5	(D)
Iosco	5	31	1	(D)
Isabella	14	352	4	(D)
Jackson	51	1 341	10	446
Kalamazoo	53	657	8	139
Kent	136	3 504	52	1 405
Lake	5	16	-	-
Lapeer	63	3 430	21	1 585
Leelanau	20	239	4	(D)
Lenawee	71	2 671	5	87
Livingston	43	1 286	16	(D)
Luce	3	(D)	2	(D)
Mackinac	3	15	1	(D)
Macomb	172	4 700	30	947
Manistee	39	1 117	21	478
Marquette	10	23	2	(D)
Mason	93	3 833	7	722
Mecosta	32	725	1	(D)
Menominee	3	6	-	-
Midland	16	375	3	(D)
Missaukee	3	16	-	-
Monroe	124	3 831	19	556
Montcalm	33	1 140	16	920
Muskegon	52	3 644	18	1 194
Newaygo	62	5 356	23	3 388
Oakland	56	655	13	221
Oceana	332	12 605	19	715
Ogemaw	6	11	-	-
Ontonagon	4	10	-	-
Otsego	3	7	-	-
Ottawa	182	4 186	88	2 175
Saginaw	66	2 228	11	199
St. Clair	70	1 751	4	(D)
St. Joseph	38	1 590	9	(D)
Sanilac	25	762	4	(D)
Schoolcraft	3	7	-	-
Shiawassee	19	89	3	4
Tuscola	38	1 998	9	497
Van Buren	281	12 359	42	8 276
Washtenaw	60	2 145	23	1 235
Wayne	71	1 865	13	157
Wexford	11	755	-	-
All other counties	11	46	2	(D)
VEGETABLES HARVESTED (SEE TEXT)				
State Total				
Michigan 1982	3 634	126 248	778	43 149
1978	3 793	119 287	816	35 522
Counties, 1982				
Alcona	3	(D)	-	-
Alger	3	(D)	1	(D)
Allegan	108	7 091	46	2 028
Alpena	14	190	1	(D)
Antrim	11	47	3	17
Arenac	29	1 693	1	(D)
Baraga	6	15	1	(D)
Barry	48	1 534	7	(D)
Bay	125	3 478	10	285
Benzie	12	147	2	(D)
Berrien	362	8 322	90	2 547
Branch	20	309	9	244
Calhoun	28	2 223	3	(D)
Cass	59	2 592	24	1 188
Charlevoix	16	590	4	4
Cheboygan	14	34	1	(D)
Chippewa	4	31	2	(D)
Clare	5	43	-	-
Clinton	33	381	6	(D)
Crawford	4	16	1	(D)
Delta	15	57	4	12
Eaton	29	2 180	9	(D)
Emmet	12	150	4	(D)
Genesee	59	618	5	16
Gladwin	9	143	-	-
Grand Traverse	36	1 865	5	(D)
Gratiot	41	2 650	11	186
Hillsdale	24	459	6	381
Houghton	8	16	1	(D)
Huron	6	16	2	(D)
Ingham	45	1 822	12	960
Ionia	64	2 555	5	(D)
Iosco	5	31	1	(D)
Isabella	14	352	4	(D)
Jackson	51	1 344	10	446
Kalamazoo	53	654	8	139
Kent	136	3 531	52	1 426
Lake	5	16	-	-
Lapeer	63	3 427	21	1 584
Leelanau	20	241	4	(D)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
VEGETABLES HARVESTED (SEE TEXT)—Con.				
Counties, 1982—Con.				
Lenawee	71	2 673	5	87
Livingston	43	(D)	16	(D)
Luce	3	(D)	2	(D)
Mackinac	3	14	1	(D)
Macomb	172	4 804	30	973
Manistee	39	1 117	21	478
Marquette	10	23	2	(D)
Mason	93	3 833	7	722
Mecoste	32	724	1	(D)
Menominee	3	6	-	-
Midland	16	375	3	(D)
Missaukee	3	16	-	-
Monroe	124	3 893	19	564
Montcalm	33	1 142	16	920
Muskegon	52	3 658	16	1 208
Newaygo	62	5 357	23	3 388
Oakland	56	657	13	222
Oceana	332	12 639	19	716
Ogemaw	6	11	-	-
Ontonagon	4	10	-	-
Otsego	3	7	-	-
Ottawa	182	4 265	88	2 210
Saginew	66	2 233	11	202
St. Clair	70	1 749	4	(D)
St. Joseph	38	(D)	9	(D)
Sanilac	25	763	4	(D)
Schoolcraft	3	(D)	-	-
Shiewassee	19	93	3	4
Tuscola	38	1 998	9	496
Van Buran	281	12 391	42	8 287
Washtenaw	60	2 148	23	1 235
Wayne	71	1 914	13	155
Wexford	11	754	-	-
All other counties	11	44	2	(D)
ASPARAGUS				
State Total				
Michigan 1982	935	19 517	50	458
1978	1 087	19 719	51	540
Counties, 1982				
Allegan	26	479	4	(D)
Alpena	3	80	-	-
Antrim	3	5	-	-
Benzie	3	(D)	-	-
Berrien	81	882	4	(D)
Cass	24	859	3	10
Clare	3	(D)	-	-
Clinton	8	9	-	-
Genesee	4	1	-	-
Ingham	4	(D)	1	(D)
Ionia	3	1	-	-
Isabella	4	108	-	-
Jackson	8	(D)	2	(D)
Kalamazoo	12	140	-	-
Kent	20	125	3	(D)
Leelanau	13	147	-	-
Lenawee	3	(D)	-	-
Manistee	18	559	4	37
Mason	56	923	2	(D)
Mecosta	16	531	1	(D)
Midland	3	5	2	(D)
Monroe	4	11	-	-
Muskegon	21	441	-	-
Newaygo	7	155	-	-
Oakland	4	5	1	(D)
Oceane	313	9 496	2	(D)
Ottawa	29	467	5	5
St. Joseph	12	345	2	(D)
Van Buran	188	3 328	6	265
Washtenaw	4	14	-	-
Wayne	4	(D)	-	-
All other counties	34	137	8	12
GREEN LIMA BEANS				
State Total				
Michigan 1982	34	71	11	8
1978	44	43	11	9

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SNAP BEANS				
State Total				
Michigan 1982	665	18 444	142	6 931
1978	593	19 436	116	4 971
Counties, 1982				
Alcona	3	(D)	-	-
Allegan	12	26	5	7
Alpena	5	(D)	1	(D)
Antrim	4	4	3	3
Arenac	3	3	-	-
Barry	22	601	2	(D)
Bay	12	25	-	-
Berrien	37	97	5	(D)
Branch	3	(D)	2	(D)
Calhoun	5	2	-	-
Cass	9	(D)	7	(D)
Charlevoix	6	(D)	2	(D)
Delta	3	(D)	2	(D)
Eaton	5	(D)	-	-
Emmet	4	(D)	2	(D)
Genesee	19	36	1	(D)
Grand Traverse	13	1 749	1	(D)
Gratiot	4	3	1	(D)
Ingham	11	3	4	1
Ionia	31	1 376	-	-
Jackson	16	14	3	(D)
Kalamazoo	10	17	-	-
Kent	30	166	11	18
Lapeer	14	(D)	2	(D)
Leelanau	3	(D)	1	(D)
Lenawee	6	(D)	-	-
Livingston	12	10	6	1
Macomb	37	566	3	(D)
Manistee	6	(D)	2	(D)
Marquette	4	3	-	-
Mason	34	2 606	4	520
Mecosta	3	(D)	1	(D)
Midland	3	(D)	-	-
Monroe	35	81	4	21
Montcalm	3	(D)	1	(D)
Muskegon	9	673	2	(D)
Newaygo	4	3	1	(D)
Oakland	9	3	4	1
Oceana	24	1 465	7	362
Ottawa	35	69	19	30
Saginaw	12	14	3	1
St. Clair	23	553	1	(D)
St. Joseph	7	54	2	(D)
Sanilac	4	2	-	-
Shiawassee	8	20	2	(D)
Tuscola	3	(D)	1	(D)
Van Buren	24	(D)	7	(D)
Washtenaw	21	41	7	36
Wayne	26	58	3	20
Wexford	7	738	-	-
All other counties	22	11	7	3
BEETS				
State Total				
Michigan 1982	85	59	15	17
1978	106	538	19	21
BROCCOLI				
State Total				
Michigan 1982	195	452	76	170
1978	74	56	22	31
Counties, 1982				
Allegan	10	43	5	18
Barry	4	2	-	-
Bay	4	1	1	(D)
Berrien	10	26	4	(D)
Cass	3	4	3	4
Gratiot	4	(Z)	4	(Z)
Jackson	5	11	4	11
Kalamazoo	6	(D)	1	(D)
Kent	20	40	6	13
Lapeer	7	7	-	-
Lenawee	3	1	1	(D)
Livingston	6	2	3	(D)
Macomb	14	26	2	(D)
Mason	3	(D)	2	(D)
Monroe	6	9	1	(D)
Newaygo	4	14	3	(D)
Oceana	10	47	7	32
Ottawa	17	29	7	3
Saginaw	6	(D)	2	(D)
Van Buren	6	39	4	14
Washtenaw	3	2	2	(D)
Wayne	7	3	5	2
All other counties	37	71	9	26

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
HEAD CABBAGE				
State Total				
Michigan 1982	377	2 648	103	1 079
1978	418	3 189	108	1 164
Counties, 1982				
Allegan	14	29	3	(D)
Bay	18	218	4	(D)
Berrien	18	36	3	(D)
Cass	4	7	4	7
Eaton	3	2	1	(D)
Genesee	11	7	2	(D)
Grand Traverse	4	7	1	(D)
Hillsdale	3	(D)	2	(D)
Houghton	3	1	-	-
Ingham	8	(D)	3	(D)
Jackson	10	(D)	2	(D)
Kalamazoo	5	4	1	(D)
Kent	24	176	12	129
Lapeer	10	83	2	(D)
Lenawee	8	77	3	(D)
Livingston	4	3	-	-
Macomb	59	493	9	172
Manistee	3	(D)	1	(D)
Mason	3	16	2	(D)
Monroe	30	255	5	63
Oakland	6	3	3	1
Ottawa	23	294	11	202
Saginaw	14	242	4	(D)
St. Clair	21	208	3	(D)
Van Buren	10	49	2	(D)
Washtenaw	5	(D)	3	(D)
Wayne	18	41	4	3
All other counties	38	80	13	35
CANTALOUPS				
State Total				
Michigan 1982	424	1 504	140	735
1978	390	1 362	155	650
Counties, 1982				
Allegan	7	61	4	(D)
Barry	5	2	1	(D)
Bay	41	216	4	71
Berrien	43	127	19	80
Branch	5	11	3	(D)
Cass	6	5	5	4
Clinton	6	8	1	(D)
Genesee	6	(D)	-	-
Hillsdale	5	(D)	2	(D)
Ingham	6	9	2	(D)
Ionia	3	(D)	1	(D)
Jackson	19	29	4	(D)
Kalamazoo	8	14	4	6
Kent	16	25	4	6
Lapeer	4	(D)	-	-
Lenawee	6	21	1	(D)
Livingston	12	61	8	56
Macomb	37	137	10	46
Monroe	33	128	5	19
Newaygo	3	(D)	1	(D)
Oakland	12	20	4	(D)
Ottawa	36	94	19	54
Saginaw	15	25	3	(D)
St. Clair	4	(D)	1	(D)
St. Joseph	5	(D)	3	(D)
Shiawassee	3	(D)	-	-
Tuscola	6	21	1	(D)
Van Buren	19	237	9	191
Washtenaw	19	61	10	45
Wayne	18	79	5	12
All other counties	16	20	6	9
CARROTS				
State Total				
Michigan 1982	161	6 345	58	3 765
1978	171	6 325	59	3 620
Counties, 1982				
Allegan	9	245	3	(D)
Bay	5	(D)	1	(D)
Calhoun	5	(D)	1	(D)
Clinton	5	(D)	1	(D)
Ionia	3	(D)	1	(D)
Jackson	3	(Z)	-	-
Kent	5	(D)	3	(D)
Lapeer	13	1 329	4	408
Lenawee	4	(D)	-	-
Livingston	4	(D)	1	(D)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic eree	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
CARROTS—Con.				
Counties, 1982—Con.				
Macomb	9	8	-	-
Muskegon	3	315	2	(D)
Neweygo	25	2 079	15	1 598
Oakland	6	1	1	(D)
Ottewa	14	100	9	83
St. Clair	3	(D)	-	-
Ven Buren	4	8	-	-
All other counties	41	676	16	205
CAULIFLOWER				
State Total				
Michigan 1982	286	1 420	100	634
1978	214	1 056	79	369
Counties, 1982				
Allegan	24	447	12	178
Barry	3	2	-	-
Bay	15	119	5	78
Bemen	13	47	6	28
Cass	3	(D)	3	(D)
Clinton	3	7	-	-
Gratiot	8	65	5	35
Houghton	3	(D)	-	-
Ingham	5	3	3	(D)
Jackson	4	(D)	1	(D)
Kent	25	53	9	19
Lapeer	9	26	1	(D)
Lenawee	3	(D)	-	-
Livingston	6	2	2	(D)
Macomb	46	140	10	71
Monroe	9	50	1	(D)
Newaygo	3	(D)	2	(D)
Oakland	3	(D)	1	(D)
Oceana	9	78	5	36
Ottawa	21	68	8	13
Saginaw	6	3	3	(D)
St. Clair	15	89	2	(D)
Van Buren	6	44	3	35
Weshtenaw	4	(D)	2	(D)
Wayne	9	15	3	1
All other counties	31	115	13	81
CELERY				
State Total				
Michigan 1982	70	3 518	56	3 358
1978	67	2 309	57	2 095
Counties, 1982				
Allegan	4	155	4	155
Kent	6	311	6	311
Lapeer	4	(D)	2	(D)
Muskegon	5	362	5	362
Newaygo	3	195	3	195
Ottawa	33	1 095	27	988
All other counties	15	(D)	9	(D)
COLLARDS				
State Total				
Michigan 1982	47	217	10	35
1978	47	214	15	79
Counties, 1982				
Macomb	25	157	6	30
Monroe	5	12	-	-
Washtenaw	3	(D)	-	-
All other counties	14	(D)	4	5
CUCUMBERS AND PICKLES				
State Total				
Michigan 1982	585	17 012	175	5 525
1978	767	21 038	233	5 580
Counties, 1982				
Allegan	23	887	16	646
Alpena	5	(D)	-	-
Arenac	23	1 536	1	(D)
Barry	3	1	-	-
Bay	41	1 162	2	(D)
Bemen	53	1 027	27	696
Cass	13	261	9	229
Delta	3	(D)	2	(D)
Eaton	5	90	-	-
Genesee	7	(D)	-	-
Gladwin	6	28	-	-
Gratiot	26	1 937	5	134
Ingham	8	301	3	(D)
Ionia	4	67	1	(D)
Isabella	3	(D)	2	(D)
Jackson	13	67	4	(D)
Kalamazoo	3	(D)	1	(D)
Kent	23	547	10	196
Lapeer	8	7	1	(D)
Lenawee	7	245	1	(D)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, saa introductory text]

Gaographic araa	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
CUCUMBERS AND PICKLES—Con.				
Counties, 1982—Con.				
Livingston	5	2	3	1
Macomb	29	163	3	(D)
Manistee	18	286	16	281
Mason	4	(D)	2	(D)
Midland	3	286	-	-
Monroe	15	91	1	(D)
Montcalm	8	324	5	270
Muskegon	7	(D)	4	(D)
Newaygo	3	(D)	3	45
Oakland	9	7	4	3
Oceana	36	1 245	5	169
Ottawa	24	342	11	245
Saginaw	24	693	1	(D)
St. Clair	14	104	1	(D)
Sanilac	13	731	1	(D)
Shiawassea	3	4	-	-
Tuscola	14	1 093	1	(D)
Van Buran	26	1 699	18	1 410
Washtenaw	11	20	5	(D)
Wayna	16	24	2	(D)
All othar counties	26	170	4	30
EGGPLANT				
State Total				
Michigan 1982	88	128	28	78
1978	74	100	22	53
Counties, 1982				
Bay	3	2	-	-
Berrien	13	16	5	8
Clinton	3	(D)	1	(D)
Kent	3	(D)	1	(D)
Macomb	17	52	5	39
Monroe	4	7	-	-
Ottawa	4	3	1	(D)
Saginaw	4	1	1	(D)
Van Buren	5	11	3	8
Washtanaw	4	1	1	(D)
Wayna	14	10	6	3
All other counties	14	19	4	15
HONEYDEW MELONS				
State Total				
Michigan 1982	31	54	5	10
1978	76	160	13	41
Counties, 1982				
Bay	8	18	-	-
All other counties	23	36	5	10
LETTUCE AND ROMAINE				
State Total				
Michigan 1982	67	1 183	28	1 080
1978	76	1 165	40	747
MUSTARD GREENS				
State Total				
Michigan 1982	63	310	14	73
1978	61	328	18	132
Counties, 1982				
Genesee	4	10	-	-
Kent	3	(D)	3	(D)
Macomb	29	144	6	44
Monroe	7	39	-	-
Van Buran	4	4	-	-
All other countias	16	(D)	5	(D)
DRY ONIONS				
State Total				
Michigan 1982	259	7 961	81	3 919
1978	275	8 387	78	2 846
Counties, 1982				
Allegan	21	1 301	9	580
Bay	41	164	2	(D)
Berrien	3	3	1	(D)
Calhoun	6	679	1	(D)
Clinton	4	(D)	2	(D)
Eaton	6	261	1	(D)
Gratiot	3	(D)	-	-
Ingham	9	458	2	(D)
Jackson	6	(D)	4	(D)
Kent	8	292	4	(D)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
DRY ONIONS—Con.				
Counties, 1982—Con.				
Lapeer	15	453	8	388
Livingston	3	(Z)	-	-
Macomb	8	9	-	-
Monroe	6	1	-	-
Muskegon	3	570	2	(D)
Nawaygo	23	2 414	14	1 323
Ottawa	24	508	12	174
Saginaw	14	35	-	-
St. Joseph	4	2	-	-
Shiawassee	3	2	2	(D)
Tuscola	9	60	2	(D)
Washtenaw	7	(D)	3	(D)
Wayne	9	14	2	(D)
All other counties	24	367	10	181
GREEN ONIONS				
State Total				
Michigan 1982	58	343	18	141
1978	53	200	18	81
Counties, 1982				
Bay	6	23	1	(D)
Charlevoix	3	(D)	-	-
Kent	4	20	4	15
Macomb	9	50	5	43
Monroe	4	(D)	-	-
Ottawa	6	29	3	9
Van Buren	3	4	-	-
All other counties	23	207	5	(D)
GREEN PEAS, EXCLUDING GREEN COWPEAS				
State Total				
Michigan 1982	308	2 260	85	713
1978	140	2 689	25	691
Counties, 1982				
Allegan	6	7	2	(D)
Alpena	5	(D)	1	(D)
Barry	21	595	2	(D)
Bay	6	3	-	-
Berrien	8	15	3	(D)
Calhoun	4	(D)	1	(D)
Cass	4	(D)	3	(D)
Charlevoix	4	1	2	(D)
Delta	3	(D)	2	(D)
Eaton	6	(D)	-	-
Emmet	3	(D)	2	(D)
Genesee	13	21	1	(D)
Gratiot	6	3	1	(D)
Ingham	5	1	2	(D)
Ionia	17	518	-	-
Jackson	4	1	-	-
Kalamazoo	6	6	-	-
Kent	12	33	8	26
Lapeer	11	4	2	(D)
Leelanau	4	(D)	-	-
Lenawee	4	1	-	-
Livingston	8	3	4	1
Macomb	8	10	-	-
Manistee	3	1	1	(D)
Monroe	18	27	4	4
Montcalm	11	676	8	639
Oakland	5	1	2	(D)
Ottawa	16	8	10	3
Saginaw	5	(D)	-	-
St. Clair	8	10	1	(D)
St. Joseph	3	2	2	(D)
Shiawassee	6	3	2	(D)
Van Buren	13	7	3	2
Washtenaw	10	(D)	3	(D)
Wayne	15	25	1	(D)
All other counties	27	61	12	4
HOT PEPPERS				
State Total				
Michigan 1982	84	333	18	47
1978	92	416	24	101

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SWEET PEPPERS				
State Total				
Michigan 1982	380	2 250	124	954
1978	419	1 832	141	756
Counties, 1982				
Allegan	6	17	3	(D)
Bay	29	298	3	35
Berrien	54	419	26	263
Cass	16	107	13	91
Eaton	3	2	1	(D)
Genesee	8	5	-	-
Gratiot	8	369	1	(D)
Ingham	4	(D)	1	(D)
Jackson	8	(D)	1	(D)
Kalamazoo	4	3	1	(D)
Kent	20	37	13	26
Lapeer	3	1	1	(D)
Lenawee	4	(D)	2	(D)
Macomb	45	132	8	52
Monroe	21	180	4	98
Montcalm	3	(D)	-	-
Newaygo	3	(D)	3	(D)
Oakland	3	1	2	(D)
Ottawa	24	88	15	81
Saginaw	14	(D)	2	(D)
St. Clair	11	27	-	-
Shiawassee	3	4	-	-
Tuscola	9	35	4	28
Van Buren	22	113	9	100
Washtenaw	8	16	2	(D)
Wayne	23	56	3	1
All other counties	24	49	6	39
PUMPKINS				
State Total				
Michigan 1982	345	1 153	39	215
1978	328	872	55	96
Counties, 1982				
Allegan	5	6	1	(D)
Arenac	4	5	-	-
Bay	8	39	-	-
Barrien	22	47	3	(D)
Calhoun	4	(D)	-	-
Cass	8	65	-	-
Clinton	8	14	-	-
Delta	3	1	1	(D)
Eaton	4	9	-	-
Genesee	15	16	1	(D)
Ionia	6	6	-	-
Jackson	11	13	-	-
Kalamazoo	8	27	-	-
Kent	16	48	3	4
Lapeer	4	2	1	(D)
Livingston	6	10	1	(D)
Macomb	54	221	3	(D)
Monroe	22	65	-	-
Montcalm	3	(D)	-	-
Newaygo	4	9	1	(D)
Oakland	17	91	1	(D)
Oceana	3	3	-	-
Ottawa	15	47	5	22
Saginaw	10	21	1	(D)
St. Clair	8	11	-	-
Shiawassee	3	3	-	-
Van Buren	11	40	2	(D)
Washtenaw	16	148	3	(D)
Wayne	10	58	4	(D)
All other counties	37	118	8	25
RADISHES				
State Total				
Michigan 1982	51	9 527	18	5 828
1978	50	5 623	18	4 419
RHUBARB				
State Total				
Michigan 1982	30	133	5	(D)
1978	32	187	11	92
Counties, 1982				
Allegan	5	(D)	-	-
Berrien	3	46	1	(D)
Kent	3	(D)	2	(D)
Macomb	6	40	1	(D)
All other counties	13	36	1	(D)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SPINACH				
State Total				
Michigan 1982	44	233	16	111
1978	42	216	19	92
Counties, 1982				
Kent	5	38	4	(D)
Lapeer	7	58	4	48
Macomb	16	82	5	25
Monroe	3	(D)	-	-
Van Buren	3	(D)	-	-
All other counties	10	43	3	(D)
SQUASH				
State Total				
Michigan 1982	466	2 240	98	632
1978	502	1 864	96	584
Counties, 1982				
Allegan	9	24	2	(D)
Arenac	5	(D)	-	-
Bay	17	26	-	-
Berrien	95	542	16	194
Calhoun	3	(D)	1	(D)
Cass	13	89	9	38
Charlevoix	3	(D)	-	-
Clinton	8	9	1	(D)
Eaton	6	14	-	-
Genesee	11	7	1	(D)
Gratiot	4	(D)	1	(D)
Ingham	6	38	1	(D)
Isabella	3	7	-	-
Jackson	7	5	-	-
Kalamazoo	4	3	-	-
Kent	25	169	12	43
Lapeer	4	(D)	-	-
Lenawee	8	72	1	(D)
Livingston	4	1	1	(D)
Macomb	53	365	4	46
Mecosta	3	(D)	1	(D)
Monroe	21	77	-	-
Montcalm	3	(D)	-	-
Newaygo	7	69	2	(D)
Oceana	14	136	2	(D)
Ottawa	27	181	13	89
Saginaw	9	29	3	1
St. Clair	9	47	-	-
St. Joseph	4	7	3	(D)
Shiawassee	5	5	2	(D)
Van Buren	21	92	5	(D)
Washtenaw	6	7	3	2
Wayne	16	19	4	1
All other counties	33	89	10	63
SWEET CORN				
State Total				
Michigan 1982	1 503	12 740	246	3 020
1978	1 261	10 609	217	2 866
Counties, 1982				
Alcona	3	(D)	-	-
Allegan	36	125	8	35
Alpena	9	22	-	-
Antrim	9	24	3	(D)
Arenac	7	10	-	-
Baraga	3	5	1	(D)
Barry	18	40	5	13
Bay	68	387	-	-
Benzie	5	24	1	(D)
Berrien	89	664	19	140
Branch	17	87	6	35
Calhoun	17	301	1	(D)
Cass	20	129	8	63
Charlevoix	12	42	2	(D)
Cheboygan	12	(D)	1	(D)
Chippewa	3	(D)	1	(D)
Clinton	22	113	2	(D)
Crawford	4	11	1	(D)
Delta	10	25	3	(D)
Eaton	13	89	5	33
Emmet	9	132	3	(D)
Genesee	48	347	5	8
Gladwin	4	(D)	-	-
Grand Traverse	15	77	2	(D)
Gratiot	9	47	-	-
Hillsdale	20	72	3	(D)
Houghton	5	5	1	(D)
Ingham	26	155	4	4
Ionia	20	105	2	(D)
Iosco	3	(D)	1	(D)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978**—Con.

(For meaning of abbreviations and symbols, see introductory text)

Geographic area	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SWEET CORN—Con.				
Counties, 1982—Con.				
Isabella	5	55	-	-
Jackson	36	347	4	64
Kalamazoo	33	177	3	(D)
Kent	73	708	20	250
Lake	3	(D)	-	-
Lapeer	35	352	4	(D)
Leelanau	7	33	4	(D)
Lenawee	17	74	1	(D)
Livingston	27	119	4	6
Mackinac	3	4	1	(D)
Macomb	87	1 148	8	81
Manistee	13	92	8	85
Marquette	5	13	1	(D)
Mason	11	87	1	(D)
Mecosta	14	123	1	(D)
Menominee	3	3	-	-
Midland	8	41	-	-
Monroe	61	635	2	(D)
Montcalm	17	56	4	8
Muskegon	14	58	4	3
Newaygo	23	119	4	42
Oakland	47	475	8	161
Oceana	16	78	4	41
Ogemaw	4	7	-	-
Ontonagon	3	(D)	-	-
Ottawa	85	599	27	133
Saginaw	35	265	5	33
St. Clair	43	298	1	(D)
St. Joseph	24	(D)	8	(D)
Sanilac	12	19	4	(D)
Shiawassee	13	36	-	-
Tuscola	22	100	6	34
Van Buren	56	272	4	13
Washtenaw	47	1 096	12	631
Wayne	41	1 342	3	39
Wexford	3	12	-	-
All other counties	21	44	2	(D)
TOMATOES				
State Total				
Michigan 1982	1 020	12 657	221	3 217
1978	1 075	7 857	276	2 265
Counties, 1982				
Allegan	18	40	7	21
Antrim	4	(D)	1	(D)
Arenac	4	6	-	-
Barry	8	7	2	(D)
Bay	48	582	1	(D)
Berrien	200	4 158	47	1 043
Branch	10	107	4	104
Calhoun	5	5	-	-
Cass	24	718	12	392
Charlevoix	3	1	2	(D)
Clinton	9	13	3	(D)
Eaton	6	9	2	(D)
Emmet	5	9	1	(D)
Genesee	21	66	2	(D)
Grand Traverse	9	8	3	3
Gratiot	7	10	4	1
Hillsdale	8	197	3	196
Ingham	11	61	3	(D)
Ionia	7	6	-	-
Jackson	24	216	8	(D)
Kalamazoo	12	9	2	(D)
Kent	28	29	9	9
Lapeer	12	12	3	(D)
Leelanau	5	5	2	(D)
Lenawee	50	2 043	2	(D)
Livingston	14	9	6	6
Macomb	79	235	7	18
Manistee	4	9	2	(D)
Mason	3	(D)	-	-
Mecosta	3	(D)	1	(D)
Monroe	79	2 049	6	218
Montcalm	4	2	3	(D)
Muskegon	7	3	3	(D)
Newaygo	4	(D)	2	(D)
Oakland	26	24	9	13
Oceana	4	3	3	2
Ottawa	39	112	18	36
Saginaw	32	600	5	(D)
St. Clair	28	72	1	(D)
St. Joseph	5	1	2	(D)
Sanilac	5	2	-	-
Shiawassee	6	7	-	-
Tuscola	8	9	1	(D)
Van Buren	40	836	14	728
Washtenaw	27	209	6	(D)
Wayne	42	107	5	15
All other counties	23	25	4	1

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Harvested		Irrigated	
		Farms	Acres	Farms	Acres
TURNIPS					
State Total					
Michigan	1982	53	253	5	24
	1978	47	209	14	127
Counties, 1982					
Kent		4	(D)	1	(D)
Lapeer		3	24	2	(D)
Macomb		16	96	-	-
Monroe		3	(D)	-	-
Ottawa		5	18	-	-
Van Buren		5	7	-	-
All other counties		17	46	2	(D)
TURNIP GREENS					
State Total					
Michigan	1982	58	289	18	92
	1978	52	249	15	104
Counties, 1982					
Genesee		3	(D)	-	-
Kent		4	(D)	4	(D)
Macomb		24	147	7	44
Monroe		7	25	1	(D)
Van Buren		5	11	1	(D)
All other counties		15	95	5	32
MIXED VEGETABLES					
State Total					
Michigan	1982	83	456	20	141
	1978	125	356	37	84
Counties, 1982					
Allegan		3	9	1	(D)
Bay		6	48	1	(D)
Berrien		4	11	1	(D)
Genesee		3	(D)	-	-
Livingston		4	6	3	6
Macomb		13	113	1	(D)
Oakland		3	2	2	(D)
Ottawa		5	57	4	16
St. Clair		3	(D)	1	(D)
Wayne		6	18	-	-
All other counties		33	140	6	75
WATERMELONS					
State Total					
Michigan	1982	101	125	22	28
	1978	92	109	26	35
Counties, 1982					
Barry		4	3	-	-
Bay		5	11	1	(D)
Branch		3	3	1	(D)
Gratiot		3	6	-	-
Jackson		8	(D)	-	-
Lenawee		3	(D)	-	-
Macomb		12	24	-	-
Monroe		7	8	-	-
Ottawa		13	8	8	6
Saginaw		5	4	1	(D)
St. Joseph		3	2	-	-
Washtenaw		7	12	3	6
All other counties		28	19	8	8
OTHER VEGETABLES					
State Total					
Michigan	1982	55	294	11	42
	1978	92	443	15	135

Table 28. Fruits and Nuts: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
LAND IN ORCHARDS									
State Total									
Michigan 1982	4 280	165 238	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1978	4 722	169 413	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Counties, 1982									
Alcona	18	45	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Alger	10	14	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Allegan	142	4 556	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Alpena	15	44	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Antrim	84	4 731	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Arenac	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Berage	4	15	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Barry	25	163	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bay	17	71	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Benzie	109	4 661	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Berrien	869	25 464	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Branch	10	327	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Calhoun	11	310	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cass	61	2 138	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Charlevoix	23	762	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cheboygan	8	21	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Chippewa	5	19	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Clinton	37	481	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Delta	17	33	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Dickinson	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Eaton	27	165	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Emmet	8	16	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Genesee	58	865	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gladwin	6	28	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Grand Traverse	211	13 664	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gratiot	10	150	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hillsdale	19	536	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Houghton	7	16	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Huron	12	22	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ingham	42	411	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ionia	44	2 311	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Iosco	4	36	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Iron	3	6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Isabella	14	126	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Jackson	33	365	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kalamazoo	73	1 752	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kent	266	15 646	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Lapaar	42	734	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Leelanau	286	16 780	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Lenawee	42	522	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Livingston	39	597	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Macomb	49	1 375	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Manistee	106	6 217	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Marquette	6	40	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mason	71	6 376	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mecosta	16	301	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Menominee	6	24	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Midland	13	43	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Monroe	60	441	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Montcalm	18	884	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Muskegon	29	3 823	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Newaygo	46	2 079	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Oakland	69	641	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Oceana	254	17 289	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ogemaw	7	36	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ontonagon	4	10	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Osceola	14	39	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Oscoda	6	11	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Otsego	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ottawe	79	5 538	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Presqua Isle	5	16	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Roscommon	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Saginaw	36	188	(X)	(X)	(X)	(X)	(X)	(X)	(X)
St. Clair	28	390	(X)	(X)	(X)	(X)	(X)	(X)	(X)
St. Joseph	12	177	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Senilac	39	435	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Schoolcraft	3	4	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Shiawassee	31	156	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuscola	25	302	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Van Buren	410	18 373	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Washtenaw	57	955	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Weyne	36	245	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Waxford	7	60	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	12	47	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
State Total									
Michigan 1982	2 788	69 715	5 592 196	1 599	1 323 923	2 499	4 268 273	2 099	916 246 739
1978	2 885	71 428	4 747 516	1 420	953 256	2 625	3 794 260	2 240	771 782 241
Counties, 1982									
Alcona	17	32	848	13	362	13	486	7	15 250
Alger	10	13	270	8	126	8	144	4	9 050
Allegan	108	2 170	145 945	54	31 325	104	114 620	90	27 789 607
Alpena	15	32	1 734	10	893	14	841	7	(D)
Antrim	47	715	58 634	22	13 283	38	45 351	33	6 450 658
Arenac	4	(D)	(D)	1	(D)	3	(D)	2	(D)
Barega	4	15	348	4	(D)	2	(D)	–	–
Barry	23	98	7 020	17	2 154	19	4 866	14	(D)
Bay	15	61	8 225	12	4 997	11	3 228	10	226 450
Benzie	63	1 491	124 954	39	41 883	55	83 071	47	13 627 280

Table 28. **Fruits and Nuts: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
APPLES—Con.									
Counties, 1982—Con.									
Berrien	424	9 754	702 055	206	123 675	406	578 380	361	146 238 554
Branch	10	287	19 413	4	(D)	8	(D)	8	3 132 548
Calhoun	9	(D)	(D)	6	(D)	7	(D)	6	(D)
Cass	48	1 198	100 045	26	21 540	42	78 505	37	15 861 012
Charlevoix	19	108	2 721	11	637	14	2 084	12	195 279
Cheboygen	7	15	814	6	(D)	5	(D)	3	9 540
Chippewa	5	18	695	3	(D)	4	(D)	2	(D)
Clinton	37	464	32 025	23	5 467	33	26 558	24	4 453 115
Delta	17	28	1 570	14	1 200	12	370	10	35 150
Dickinson	4	(D)	(D)	1	(D)	4	(D)	1	(D)
Eaton	24	142	6 492	17	2 101	19	4 391	14	737 676
Emmet	8	13	159	3	(D)	7	(D)	4	(D)
Genesee	55	699	46 223	33	18 918	50	27 305	40	4 907 003
Gladwin	5	20	(D)	3	(D)	3	(D)	1	(D)
Grand Traverse	76	1 873	142 818	33	39 461	72	103 357	67	18 076 319
Gratiot	9	(D)	(D)	8	3 481	4	(D)	4	(D)
Hillsdale	19	512	39 732	11	9 796	16	29 936	8	3 562 836
Houghton	7	15	457	3	(D)	5	(D)	4	1 160
Huron	11	18	1 506	7	94	10	1 412	8	(D)
Ingham	37	341	30 559	28	16 852	33	13 707	29	3 664 448
Ionia	40	2 154	147 089	24	30 280	38	116 809	34	25 579 257
Iosco	4	11	(D)	4	316	4	(D)	3	(D)
Iron	3	6	172	2	(D)	3	(D)	2	(D)
Isabella	13	96	4 896	9	1 044	10	3 852	9	521 300
Jackson	33	324	13 281	15	1 304	29	11 977	18	1 785 408
Kalamazoo	39	825	55 676	21	8 617	34	47 059	24	4 771 344
Kent	245	12 837	1 186 649	159	292 036	230	894 613	211	192 735 074
Lapeer	36	624	33 694	21	8 372	27	25 322	21	(D)
Leelanau	73	1 665	153 932	45	50 251	59	103 681	56	11 898 215
Lenawee	36	354	25 484	25	4 377	32	21 107	26	3 158 256
Livingston	39	552	27 657	26	5 423	32	22 234	26	5 376 678
Macomb	45	1 137	78 766	24	8 097	41	70 669	36	14 745 350
Manistee	70	2 355	107 171	44	32 095	62	75 076	55	18 513 965
Marquette	6	28	1 579	3	147	6	1 432	2	(D)
Mason	60	1 987	136 761	42	30 830	57	105 931	47	22 780 882
Mecosta	13	148	11 212	11	4 276	13	6 936	10	(D)
Menominee	5	(D)	(D)	3	(D)	5	(D)	4	805
Midland	13	36	2 539	11	990	10	1 549	8	36 450
Monroe	48	371	27 861	26	15 294	45	12 567	37	2 557 523
Montcalm	15	827	88 691	9	13 134	14	75 557	11	11 427 908
Muskegon	27	2 134	177 162	17	24 461	26	152 701	25	46 155 257
Newaygo	37	1 465	126 165	23	29 367	36	96 798	33	25 875 428
Oakland	57	548	34 604	31	7 271	48	27 333	40	5 555 919
Oceana	147	4 212	280 338	63	57 372	134	222 966	120	46 745 357
Ogemaw	7	14	964	5	897	6	67	5	3 424
Ontonagon	4	10	184	2	(D)	3	(D)	1	(D)
Osceola	14	25	446	8	128	12	318	7	6 500
Oscoda	6	(D)	120	2	(D)	6	(D)	3	(D)
Otsego	3	(D)	150	2	(D)	3	(D)	2	(D)
Ottawa	72	4 693	364 726	46	105 601	68	259 125	59	63 963 385
Presque Isle	5	15	262	4	77	4	185	4	11 200
Roscommon	3	(D)	1 154	1	(D)	2	(D)	2	(D)
Saginaw	34	151	11 037	27	2 372	30	8 665	17	756 640
St. Clair	26	320	18 709	20	2 695	17	16 014	11	2 150 592
St. Joseph	12	139	6 667	9	852	6	5 815	5	1 454 796
Sanilac	37	383	25 110	23	5 971	30	19 139	25	2 057 399
Schoolcraft	3	4	40	–	–	3	40	1	(D)
Shiawassee	29	94	5 711	15	1 461	24	4 250	20	507 758
Tuscola	23	208	16 899	10	996	20	15 903	15	(D)
Van Buren	172	7 169	817 401	87	216 451	164	600 950	147	128 651 074
Washtenaw	48	865	73 267	28	12 704	43	60 563	31	8 745 686
Wayne	32	186	9 043	17	1 476	30	7 567	23	2 071 684
Wexford	6	31	1 054	2	(D)	4	(D)	3	(D)
All other counties	11	44	1 705	7	872	8	833	3	1 900
APRICOTS									
State Total									
Michigan 1982	150	268	23 662	99	10 943	96	12 719	68	496 364
1978	188	264	20 874	117	6 529	127	14 345	98	884 597
Counties, 1982									
Allegan	4	(D)	(D)	2	(D)	2	(D)	1	(D)
Antrim	3	(D)	(D)	2	(D)	1	(D)	1	(D)
Benzie	6	12	(D)	5	427	3	(D)	3	(D)
Berrien	33	48	3 784	19	1 288	25	2 496	18	80 160
Clinton	3	(Z)	(D)	2	(D)	2	(D)	1	(D)
Genesee	4	(Z)	28	4	(D)	2	(D)	2	(D)
Grand Traverse	4	(D)	(D)	3	(D)	3	(D)	3	(D)
Ingham	4	(D)	(D)	2	(D)	2	(D)	1	(D)
Kent	3	(D)	(D)	1	(D)	2	(D)	2	(D)
Leelanau	17	101	10 320	10	5 982	13	4 338	11	165 960
Lenawee	3	(Z)	11	3	(D)	1	(D)	1	(D)
Mason	5	4	336	5	(D)	4	(D)	2	(D)
Oakland	5	2	26	1	(D)	4	(D)	1	(D)
Oceana	10	23	1 994	4	741	8	1 253	6	59 081
Saginaw	3	(Z)	19	3	(D)	1	(D)	1	(D)
Van Buren	7	10	724	6	226	5	498	4	(D)
Wayne	3	(D)	9	–	–	3	9	1	(D)
All other counties	33	20	1 504	27	748	15	756	9	3 753

Table 28. **Fruits and Nuts: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
CHERRIES									
State Total									
Michigan 1982	2 075	65 372	5 768 435	1 426	2 096 455	1 817	3 671 980	1 559	231 363 502
1978	2 270	61 360	5 301 694	1 324	1 577 755	2 090	3 723 939	1 805	201 807 101
Counties, 1982									
Alcona	8	3	90	5	54	5	36	1	(D)
Allegan	75	829	73 088	46	23 226	68	49 862	63	3 098 709
Alpena	4	2	(D)	3	(D)	3	(D)	-	-
Antrim	64	3 825	272 925	52	116 368	60	156 558	58	12 795 459
Barry	14	18	1 034	4	57	12	977	9	(D)
Bay	4	1	83	3	(D)	2	(D)	1	(D)
Benzie	87	2 964	266 966	56	110 158	80	156 808	74	9 629 905
Berrien	313	4 743	442 927	187	130 736	290	312 191	258	17 282 510
Branch	5	4	198	2	(D)	3	(D)	2	(D)
Calhoun	3	(D)	(D)	2	(D)	3	(D)	3	(D)
Cass	35	504	39 946	32	15 278	26	24 668	22	1 909 792
Charlevoix	15	617	61 382	11	29 807	8	31 575	6	817 413
Cheboygan	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Clinton	7	1	58	7	(D)	3	(D)	1	(D)
Delta	8	3	207	6	173	3	34	2	(D)
Eaton	4	(D)	(D)	2	(D)	2	(D)	1	(D)
Emmet	4	(D)	71	3	(D)	3	(D)	1	(D)
Genesee	19	124	(D)	13	(D)	15	(D)	8	(D)
Gladwin	3	(D)	(D)	2	(D)	2	(D)	-	-
Grand Traverse	199	11 096	991 434	156	307 254	187	684 180	184	37 324 246
Gratiot	4	4	(D)	4	(D)	-	-	-	-
Hillsdale	10	5	369	4	(D)	8	(D)	1	(D)
Ingham	16	27	2 743	15	812	9	1 931	4	(D)
Ionia	8	30	(D)	5	(D)	4	(D)	4	(D)
Isabella	4	6	(D)	3	(D)	3	(D)	1	(D)
Jackson	13	9	(D)	3	(D)	12	(D)	5	(D)
Kalamazoo	23	204	19 270	10	3 854	18	15 416	12	1 028 143
Kent	66	1 297	121 605	38	20 612	57	100 993	50	6 280 704
Lapeer	18	18	1 265	11	(D)	12	(D)	6	(D)
Leelanau	271	14 164	1 314 236	221	564 974	257	749 262	235	53 677 046
Lenawee	20	41	2 589	12	1 034	15	1 555	11	65 123
Livingston	14	7	(D)	11	(D)	7	(D)	5	(D)
Macomb	12	(D)	594	9	324	9	270	6	26 830
Manistee	80	3 653	220 349	52	78 738	74	141 611	59	10 513 228
Mason	61	3 644	316 074	51	118 088	58	197 986	53	10 947 187
Mecosta	7	132	12 310	3	(D)	8	(D)	5	(D)
Midland	3	1	10	2	(D)	2	(D)	-	-
Monroe	10	3	162	6	34	9	128	7	(D)
Montcalm	5	(D)	(D)	4	1 028	3	(D)	3	(D)
Muskegon	17	1 515	134 525	14	37 590	15	96 935	15	11 010 960
Newaygo	17	458	43 972	11	13 874	14	30 098	13	1 456 983
Oakland	19	20	1 620	10	351	14	1 269	8	(D)
Oceana	217	10 673	954 072	153	371 517	201	582 555	186	31 704 690
Ogemaw	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Osceola	6	5	(D)	3	6	5	(D)	4	(D)
Ottawa	27	513	50 663	12	13 320	24	37 343	17	2 464 204
Saginaw	9	1	56	7	34	4	22	2	(D)
St. Clair	7	12	590	6	(D)	4	(D)	2	(D)
St. Joseph	6	(D)	(D)	4	39	2	(D)	-	-
Sanilac	9	11	(D)	5	19	8	(D)	5	(D)
Shiawassee	11	(D)	(D)	8	(D)	8	47	6	620
Tuscola	8	(D)	(D)	4	33	7	(D)	4	(D)
Van Buren	147	3 934	380 329	92	121 422	130	258 907	114	17 178 883
Washtenaw	24	23	(D)	13	(D)	17	(D)	10	79 383
Wayne	7	15	1 030	4	135	6	895	4	(D)
All other counties	22	36	1 977	18	554	13	1 423	5	67 012
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Michigan 1982	1 317	12 787	6 468 085	292	293 831	1 232	6 174 254	953	94 866 073
1978	1 484	15 502	7 777 357	350	399 158	1 420	7 378 201	1 247	118 356 478
Counties, 1982									
Alcona	7	2	1 145	2	(D)	6	(D)	1	(D)
Allegan	28	144	73 950	18	17 467	24	56 483	16	635 918
Barry	8	14	8 387	-	-	8	8 387	5	870
Bay	7	5	1 902	3	(D)	8	(D)	4	17 275
Benzie	7	(D)	(D)	5	(D)	7	253	7	3 036
Berrien	555	6 085	3 155 426	81	142 919	547	3 012 507	498	50 562 279
Calhoun	3	(Z)	133	-	-	3	133	3	(D)
Cass	24	287	158 317	4	(D)	23	(D)	21	2 291 446
Charlevoix	8	3	671	2	(D)	8	(D)	4	260
Clinton	9	2	338	6	53	7	285	2	(D)
Delta	5	(D)	197	2	(D)	3	(D)	2	(D)
Eaton	3	(D)	(D)	1	(D)	2	(D)	-	-
Emmet	3	(Z)	(D)	-	-	3	(D)	1	(D)
Genesee	14	7	1 333	8	828	8	505	3	1 424
Grand Traverse	6	(D)	(D)	4	(D)	4	(D)	4	(D)
Gratiot	4	1	(D)	2	(D)	2	(D)	-	-
Hillsdale	6	3	1 449	2	(D)	4	(D)	1	(D)
Huron	4	1	(D)	2	(D)	3	(D)	1	(D)
Ingham	14	10	5 371	5	(D)	11	(D)	2	(D)
Ionia	5	(D)	1 704	2	(D)	3	(D)	2	(D)

Table 28. Fruits and Nuts: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
GRAPES (SEE TEXT) (FRESH WEIGHT)—Con.									
Counties, 1982—Con.									
Isabella	4	2	(D)	1	(D)	3	(D)	1	(D)
Jackson	8	4	1 489	1	(D)	7	(D)	-	-
Kalamazoo	45	677	298 733	1	(D)	44	(D)	41	5 140 490
Kent	19	26	9 247	12	883	14	8 364	9	53 642
Lapeer	4	(D)	(D)	2	(D)	2	(D)	2	(D)
Leelanau	13	89	41 951	9	(D)	11	(D)	7	210 078
Lenawee	15	13	6 589	7	497	11	6 092	5	(D)
Livingston	10	9	4 727	1	(D)	9	(D)	-	-
Macomb	10	18	7 495	1	(D)	9	(D)	7	34 796
Manistee	6	4	1 836	4	267	5	1 569	3	(D)
Mason	4	7	(D)	2	(D)	4	(D)	2	(D)
Mecosta	4	4	(D)	1	(D)	4	(D)	1	(D)
Midland	4	(D)	(D)	2	(D)	3	(D)	1	(D)
Monroe	22	18	8 662	6	136	20	8 526	13	25 556
Montcalm	3	(D)	(D)	-	-	3	(D)	2	(D)
Newaygo	8	7	3 279	5	(D)	8	(D)	3	422
Oakland	19	32	18 557	5	603	17	17 954	10	24 930
Oceana	13	39	17 593	8	6 466	12	11 127	8	83 373
Ogemaw	6	4	928	1	(D)	5	(D)	1	(D)
Osceola	5	1	420	1	(D)	4	(D)	2	(D)
Ottawa	11	11	4 877	8	572	10	4 305	3	(D)
Saginaw	19	26	9 864	3	(D)	17	(D)	3	(D)
St. Clair	4	(D)	(D)	1	(D)	3	(D)	2	(D)
St. Joseph	4	1	677	-	-	4	677	-	-
Sanilac	6	3	1 373	-	-	6	1 373	2	(D)
Shiawassee	7	10	(D)	2	(D)	6	(D)	-	-
Tuscola	11	2	591	1	(D)	10	(D)	2	(D)
Van Buren	253	5 079	2 521 916	42	77 757	248	2 444 159	222	35 331 150
Washtenaw	24	25	11 408	9	(D)	19	(D)	8	51 697
Wayne	15	12	5 730	2	(D)	14	(D)	8	(D)
All other counties	21	17	7 277	5	677	18	6 600	8	30 930
NECTARINES									
State Total									
Michigan—1982	63	73	6 631	44	3 398	34	3 233	28	157 713
1978	17	38	3 728	11	919	10	2 809	10	129 527
Counties, 1982									
Allegan	6	3	272	3	(D)	4	(D)	3	(D)
Benzie	3	(D)	(D)	2	(D)	1	(D)	-	-
Berrien	17	27	2 513	11	1 409	11	1 104	10	35 846
Jackson	3	(Z)	6	3	6	-	-	-	-
Oakland	3	(Z)	4	3	4	-	-	-	-
Oceana	3	(D)	145	1	(D)	2	(D)	2	(D)
Van Buren	8	24	2 118	6	793	7	1 325	6	(D)
All other counties	20	16	1 530	15	1 107	9	423	7	20 930
PEACHES									
State Total									
Michigan—1982	1 355	10 436	1 055 893	885	299 043	1 060	756 850	874	45 232 818
1978	1 314	10 735	1 040 407	810	301 010	1 081	739 397	946	50 993 384
Counties, 1982									
Alcona	4	(D)	(D)	4	31	1	(D)	-	-
Allegan	71	794	70 988	47	15 842	65	55 146	59	3 823 414
Antrim	20	59	7 270	17	4 333	11	2 937	9	101 660
Barry	11	18	1 367	7	643	7	724	5	491
Bay	3	(D)	(D)	2	(D)	2	(D)	1	(D)
Benzie	23	63	6 278	13	3 220	15	3 058	14	92 935
Berrien	364	3 964	418 199	227	110 042	322	308 157	287	20 926 353
Calhoun	4	2	92	3	(D)	2	(D)	2	(D)
Cass	19	64	7 509	14	3 237	12	4 272	12	111 843
Charlevoix	9	15	850	8	(D)	3	(D)	1	(D)
Clinton	13	8	883	12	416	9	467	7	20 313
Eaton	5	1	74	3	(D)	2	(D)	2	(D)
Genesee	12	6	378	8	133	9	245	7	(D)
Grand Traverse	21	75	5 262	9	3 016	17	2 246	16	123 425
Hillsdale	5	2	95	4	(D)	1	(D)	-	-
Ingham	18	19	2 267	15	(D)	11	(D)	9	(D)
Ionia	17	112	11 739	14	5 690	14	6 049	9	350 417
Jackson	12	21	1 882	10	(D)	9	(D)	4	(D)
Kalamazoo	15	25	2 422	12	1 503	7	919	3	(D)
Kent	87	1 116	97 219	50	28 936	70	68 283	61	4 159 017
Lapeer	17	40	3 162	14	1 883	8	1 279	6	27 928
Leelanau	52	164	15 742	33	6 917	39	8 825	35	376 519
Lenawee	24	91	8 377	17	2 639	16	5 738	11	283 835
Livingston	13	14	1 227	10	(D)	7	(D)	3	(D)
Macomb	19	168	16 849	17	6 559	14	10 290	12	459 050
Manistee	37	126	12 478	20	3 792	31	8 686	22	201 498
Mason	41	442	40 689	23	10 171	34	30 518	32	1 474 714
Mecosta	6	(D)	(D)	6	(D)	2	(D)	2	(D)
Monroe	26	32	2 581	17	276	19	2 305	13	35 412
Montcalm	3	(D)	(D)	2	(D)	2	(D)	2	(D)

Table 28. **Fruits and Nuts: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
PEACHES—Con.									
Counties, 1982—Con.									
Muskegon	13	132	13 125	8	2 768	12	10 357	10	580 430
Newaygo	16	72	8 175	10	2 835	14	5 340	13	242 828
Oakland	20	12	472	14	307	12	165	4	(D)
Oceana	105	1 303	135 091	62	42 312	95	92 779	85	4 208 962
Ogemaw	3	(D)	(D)	3	(D)	-	-	-	-
Osceola	4	1	12	4	12	-	-	-	-
Ottawa	26	161	17 689	15	3 568	22	14 121	17	770 771
Saginaw	9	1	72	4	21	6	51	2	(D)
St. Clair	8	12	429	5	(D)	4	(D)	2	(D)
St. Joseph	8	23	(D)	7	123	1	(D)	-	-
Sanilac	13	34	2 861	10	1 200	10	1 661	6	2 125
Shiawassee	5	6	385	4	(D)	3	(D)	3	(D)
Tuscola	10	34	(D)	5	64	6	(D)	4	(D)
Van Buren	89	1 069	122 949	53	29 413	79	93 536	67	5 652 035
Washtenaw	22	32	3 582	15	(D)	14	(D)	4	(D)
Wayne	10	8	870	7	(D)	7	(D)	5	25 920
All other counties	23	59	5 805	21	2 096	14	3 709	6	8 555
PEARS									
State Total									
Michigan 1982	676	2 286	203 139	217	9 387	560	193 752	440	15 529 264
1978	983	3 611	312 933	282	26 310	858	286 623	650	16 947 495
Counties, 1982									
Alcona	6	2	60	4	(D)	2	(D)	1	(D)
Allegan	53	433	35 086	11	228	52	34 858	46	3 440 318
Alpena	5	5	(D)	2	(D)	5	(D)	2	(D)
Antrim	5	38	4 027	2	(D)	5	(D)	5	203 920
Barry	10	6	387	5	76	9	311	8	9 179
Benzie	8	36	3 024	2	(D)	7	(D)	5	63 750
Berrien	103	387	33 696	15	479	94	33 217	75	2 017 167
Branch	3	8	450	-	-	3	450	2	(D)
Cass	7	(D)	(D)	2	(D)	6	(D)	6	(D)
Charlevoix	6	6	(D)	5	(D)	3	(D)	1	(D)
Clinton	5	1	22	4	16	3	6	2	(D)
Delta	7	1	62	6	36	3	26	2	(D)
Genesee	12	14	1 032	5	185	11	847	9	93 400
Gladwin	3	(D)	(D)	-	-	3	(D)	-	-
Grand Traverse	12	113	12 098	3	(D)	11	(D)	9	801 203
Gratiot	4	3	291	3	(D)	2	(D)	2	(D)
Hillsdale	6	9	620	4	(D)	3	(D)	3	38 000
Ingham	14	5	323	6	96	10	227	6	(D)
Ionia	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Isabella	3	7	285	-	-	3	285	3	(D)
Jackson	9	4	149	6	28	7	121	2	(D)
Kalamazoo	6	(D)	148	3	(D)	3	(D)	-	-
Kent	38	122	9 201	5	86	36	9 115	27	1 085 520
Lapeer	18	27	2 469	9	598	11	1 871	7	(D)
Leelanau	21	62	5 066	6	426	17	4 640	14	119 937
Lenawee	10	4	175	5	84	7	91	7	(D)
Livingston	11	3	269	4	(D)	7	(D)	5	2 890
Macomb	18	30	2 305	5	148	16	2 157	14	353 010
Manistee	10	25	1 958	3	(D)	7	(D)	4	(D)
Mason	21	138	12 958	2	(D)	20	(D)	18	936 450
Mecosta	3	1	(D)	-	-	3	(D)	2	(D)
Midland	4	2	58	1	(D)	4	(D)	3	(D)
Monroe	19	11	718	11	102	16	616	12	(D)
Oakland	22	14	625	8	100	18	525	16	54 406
Oceana	33	294	28 902	6	(D)	31	(D)	27	2 758 817
Ogemaw	4	1	30	4	25	3	5	2	(D)
Osceola	7	5	(D)	5	10	4	(D)	3	800
Ottawa	15	44	4 249	5	(D)	13	(D)	11	221 186
Roscommon	3	3	(D)	-	-	3	(D)	2	(D)
Saginaw	12	7	(D)	6	24	6	(D)	3	(D)
St. Clair	7	11	1 031	4	11	3	1 020	2	(D)
St. Joseph	5	(D)	(D)	3	11	4	(D)	3	21 960
Sanilac	6	1	31	3	7	5	24	4	1 960
Shiawassee	7	2	41	4	5	4	36	3	(D)
Tuscola	9	9	490	2	(D)	9	(D)	8	47 900
Van Buren	46	295	31 624	11	1 109	40	30 515	30	2 251 284
Washtenaw	10	7	433	5	82	7	351	6	(D)
Wayne	6	22	(D)	1	(D)	6	1 878	6	205 128
All other counties	21	39	2 622	8	623	14	1 999	11	204 450
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Michigan 1982	749	4 158	387 558	334	89 441	626	298 117	545	16 347 044
1978	1 093	6 284	587 183	376	106 668	984	480 515	863	43 164 315
Counties, 1982									
Alcona	6	2	66	3	31	4	35	2	(D)
Allegan	33	168	14 002	10	1 466	29	12 536	27	1 006 172
Alpena	3	1	(D)	3	16	2	(D)	-	-
Antrim	11	84	8 376	4	1 732	11	6 644	11	180 132
Barry	5	4	265	1	(D)	5	(D)	4	8 200
Benzie	12	79	9 029	4	(D)	10	(D)	6	98 450
Berrien	131	432	38 831	50	7 724	122	31 107	117	1 959 555
Branch	5	4	339	2	(D)	3	(D)	3	(D)
Cass	16	74	7 127	5	(D)	12	(D)	12	288 123
Charlevoix	9	14	1 181	8	86	7	1 075	5	(D)

Table 28. **Fruits and Nuts: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)—Con.									
Counties, 1982—Con.									
Clinton	5	(D)	(D)	4	(D)	3	(D)	3	90
Delta	6	1	45	6	(D)	1	(D)	1	(D)
Genesee	9	13	702	5	(D)	9	(D)	9	(D)
Grand Traverse	48	428	39 080	22	9 320	44	29 760	38	673 432
Gratiot	3	1	(D)	2	(D)	1	(D)	1	(D)
Ingham	12	5	459	9	131	6	328	4	29 290
Ionia	4	(D)	(D)	3	(D)	1	(D)	1	(D)
Isabella	3	(D)	(D)	-	-	3	(D)	2	(D)
Jackson	7	2	35	6	24	3	11	1	(D)
Kalamazoo	9	16	1 138	3	17	6	1 121	6	60 660
Kent	31	236	24 422	11	3 184	29	21 238	26	1 832 710
Lapeer	11	9	640	6	(D)	6	(D)	4	2 391
Leelanau	57	530	52 890	23	11 604	50	41 286	45	1 998 299
Lenawee	8	10	(D)	4	17	6	(D)	6	(D)
Livingston	8	(D)	(D)	4	9	4	(D)	3	(D)
Macomb	9	12	845	5	203	7	642	7	80 675
Manistee	13	50	4 839	5	466	10	4 373	10	180 450
Mason	15	149	14 388	6	(D)	14	(D)	13	286 130
Monroe	10	5	372	4	27	9	345	8	11 190
Muskegon	4	32	(D)	1	(D)	4	(D)	3	(D)
Newaygo	9	61	5 539	3	(D)	9	(D)	9	262 038
Oakland	14	10	699	9	48	9	651	8	11 614
Oceana	67	743	67 676	33	19 342	60	48 334	52	1 299 527
Osceola	6	1	28	5	8	3	20	2	(D)
Ottawa	14	115	6 902	4	(D)	13	(D)	12	515 085
Saginaw	9	2	97	4	17	6	80	4	(D)
St. Clair	7	20	(D)	7	(D)	-	-	-	-
Sanilac	8	1	105	2	(D)	8	(D)	7	999
Shiawassee	3	1	(D)	2	(D)	3	(D)	3	(D)
Tuscola	5	15	1 105	1	(D)	5	(D)	3	(D)
Van Buren	65	789	78 683	28	18 322	59	60 361	49	5 005 158
Washtenaw	6	(D)	140	2	(D)	6	(D)	4	(D)
Wayne	8	2	69	4	22	5	47	3	682
All other counties	25	17	1 239	13	375	19	864	11	11 340
ENGLISH WALNUTS (IN SHELL)									
State Total									
Michigan 1982	15	47	1 523	10	1 032	9	491	7	2 647
1978	58	66	1 480	39	837	35	643	18	4 817

Table 29. **Berries Harvested for Sale: 1982 and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BERRIES					
State Total					
Michigan 1982	1 684	15 608	(X)	650	6 488
1978	1 707	14 646	(X)	664	6 653
Counties, 1982					
Alcona	9	12	(X)	2	(D)
Alger	4	22	(X)	4	22
Allegan	123	1 740	(X)	27	373
Alpena	18	157	(X)	8	94
Antrim	10	31	(X)	5	13
Baraga	4	2	(X)	2	(D)
Barry	12	37	(X)	4	21
Bay	11	11	(X)	4	8
Benzie	10	40	(X)	6	31
Berrien	231	1 635	(X)	67	694
Branch	13	28	(X)	5	18
Calhoun	15	34	(X)	5	19
Cass	14	48	(X)	9	45
Charlevoix	8	12	(X)	6	11
Cheboygan	9	26	(X)	6	25
Chippewa	3	18	(X)	2	(D)
Clinton	19	53	(X)	6	33
Delta	8	55	(X)	6	34
Eaton	15	52	(X)	10	34
Emmet	6	9	(X)	4	8

Table 29. **Berries Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Geographic eree	Harvested			Irrigeted	
	Farms	Acres	Quantity	Farms	Acres
BERRIES—Con.					
Counties, 1982—Con.					
Genesee	28	217	(X)	13	168
Grend Treverse	13	(D)	(X)	7	48
Gratiot	14	34	(X)	6	26
Hillsdale	13	40	(X)	4	21
Houghton	33	92	(X)	14	41
Huron	3	6	(X)	3	6
Inghem	20	95	(X)	10	89
Ionie	15	32	(X)	2	(D)
Iosco	4	12	(X)	2	(D)
Iron	3	15	(X)	1	(D)
Isabella	3	12	(X)	1	(D)
Jackson	23	48	(X)	4	27
Kalemazoo	18	94	(X)	7	43
Kent	38	189	(X)	21	111
Lapeer	15	179	(X)	8	52
Leelanau	30	226	(X)	25	204
Lenawee	20	51	(X)	10	35
Livingston	21	82	(X)	11	60
Macomb	27	96	(X)	4	45
Menistee	26	263	(X)	24	262
Mason	14	47	(X)	6	31
Mecosta	8	(D)	(X)	4	14
Midland	6	14	(X)	3	10
Missaukee	5	22	(X)	5	22
Monroe	22	(D)	(X)	3	53
Montcelm	17	29	(X)	10	26
Muskegon	42	715	(X)	9	221
Neweygo	11	67	(X)	4	7
Oakland	27	125	(X)	17	112
Oceena	18	107	(X)	9	81
Ogemaw	5	15	(X)	3	12
Ontonagon	3	2	(X)	1	(D)
Ottawa	171	3 606	(X)	69	1 451
Presque Isle	3	1	(X)	-	-
Saginaw	34	280	(X)	15	122
St. Clair	13	68	(X)	6	53
St. Joseph	11	27	(X)	7	16
Sanilac	18	29	(X)	8	19
Schoolcraft	5	10	(X)	1	(D)
Shiewassee	13	22	(X)	5	8
Tuscola	9	60	(X)	6	46
Van Buren	246	4 054	(X)	55	1 126
Weshtenaw	26	188	(X)	14	146
Wayne	23	78	(X)	11	63
Wexford	5	4	(X)	2	(D)
All other counties	22	68	(X)	12	48
BLACKBERRIES (POUNDS)					
State Total					
Michigan 1982	41	56	73 889	8	(D)
1978	29	52	65 702	1	(D)
TAME BLUEBERRIES (POUNDS)					
State Total					
Michigan 1982	681	11 079	36 356 998	143	3 086
1978	647	9 992	26 746 962	164	3 197
Counties, 1982					
Allegan	99	1 679	6 000 298	13	335
Berry	3	(D)	(D)	1	(D)
Berrien	110	880	2 715 659	12	100
Calhoun	3	(D)	8 500	-	-
Cess	5	(D)	(D)	2	(D)
Clinton	4	(D)	(D)	-	-
Genesee	6	58	216 850	3	33
Gratiot	3	(D)	(D)	1	(D)
Jackson	5	9	3 688	-	-
Kalamazoo	3	27	(D)	-	-
Kent	3	19	58 080	2	(D)
Lapeer	3	(D)	(D)	1	(D)
Livingston	3	22	(D)	1	(D)
Montcalm	6	13	42 759	5	12
Muskegon	35	700	1 726 015	7	217
Newaygo	3	(D)	(D)	-	-
Oceana	5	64	143 841	2	(D)
Ottawa	136	3 527	12 347 728	47	1 401
Saginaw	13	161	294 125	6	67
St. Clair	3	(D)	(D)	2	(D)
Van Buren	204	3 591	11 962 283	30	766
All other counties	26	61	143 637	8	10
RASPBERRIES (POUNDS)					
State Total					
Michigan 1982	456	828	1 126 091	152	339
1978	453	755	864 982	118	300

Table 29. **Berries Harvested for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
STRAWBERRIES (POUNDS)					
State Total					
Michigan 1982	759	3 639	18 629 702	445	3 048
1978	835	3 759	16 789 614	473	3 091
Counties, 1982					
Alcona	5	(D)	(D)	1	(D)
Alger	4	(D)	62 110	4	(D)
Allegan	21	40	163 721	12	34
Alpena	12	105	513 539	6	94
Antrim	8	6	24 600	3	(D)
Barry	10	16	67 357	4	16
Bay	10	(D)	29 325	3	(D)
Benzie	6	22	39 600	5	(D)
Berrien	71	571	3 961 685	51	547
Branch	11	23	41 975	5	(D)
Calhoun	9	20	76 710	4	(D)
Cass	7	20	(D)	3	(D)
Charlevoix	5	(D)	(D)	4	(D)
Cheboygan	6	20	22 572	3	19
Chippewa	3	(D)	(D)	2	(D)
Clinton	10	43	141 074	5	(D)
Delta	6	(D)	149 912	6	(D)
Eaton	11	32	152 354	8	24
Emmet	4	7	(D)	2	(D)
Genesee	18	136	470 236	11	132
Grand Traverse	7	(D)	(D)	6	(D)
Gratiot	8	20	36 454	5	19
Hillsdale	9	33	128 604	4	21
Houghton	21	83	144 106	11	36
Huron	3	6	33 000	3	6
Ingham	14	79	114 132	10	77
Ionia	8	20	156 650	2	(D)
Iosco	3	(D)	(D)	2	(D)
Jackson	10	35	77 960	4	27
Kalamazoo	13	56	244 060	6	(D)
Kent	30	159	616 109	16	97
Lapeer	8	38	242 041	5	(D)
Leelanau	25	220	1 682 930	21	198
Lenawee	17	45	161 849	6	(D)
Livingston	6	31	74 961	7	25
Macomb	22	78	410 173	4	45
Manistee	21	201	1 273 693	20	201
Mason	11	36	146 689	5	(D)
Mecosta	4	23	(D)	2	(D)
Midland	3	(D)	(D)	1	(D)
Missaukee	5	22	41 811	5	22
Monroe	14	49	296 699	3	(D)
Montcalm	9	12	(D)	3	(D)
Muskegon	9	(D)	16 570	4	(D)
Newaygo	6	5	(D)	3	(D)
Oakland	19	106	512 463	13	97
Oceana	10	33	94 395	7	33
Ogemaw	3	(D)	83 200	3	12
Ottawa	36	72	277 644	23	47
Saginaw	19	104	173 180	7	52
St. Clair	7	14	51 350	3	9
St. Joseph	6	17	90 703	7	(D)
Sanilac	16	(D)	69 814	7	(D)
Schoolcraft	3	(D)	(D)	1	(D)
Shiawassee	11	21	86 165	4	(D)
Tuscola	8	42	361 660	5	(D)
Van Buren	27	408	2 724 667	21	327
Washtenaw	23	162	961 236	13	(D)
Wayne	20	69	290 836	9	54
All other counties	26	79	390 520	16	71

Table 30. Nursery and Greenhouse Products, Mushrooms, and Sod Grown for Sale: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)				
State Total				
Michigan 1982	1 368	23 821 753	19 300	139 682
1978	1 444	21 964 965	19 596	103 587
Counties, 1982				
Allegan	50	1 063 443	770	13 619
Antrim	7	(D)	(D)	171
Baraga	3	-	14	21
Barry	12	(D)	(D)	183
Bay	14	202 910	108	1 121
Benzie	4	(D)	(D)	(D)
Berrien	62	428 714	1 159	4 869
Branch	13	39 455	476	1 360
Calhoun	16	(D)	(D)	3 340
Cass	11	35 456	6	(D)
Clare	4	(D)	(D)	(D)
Clinton	19	(D)	(D)	995
Delta	3	(D)	(D)	(D)
Dickinson	9	11 000	107	200
Eaton	12	(D)	(D)	714
Emmet	11	18 292	30	133
Genesee	30	121 150	621	1 726
Grand Traverse	12	32 900	75	(D)
Gratiot	10	25 200	41	(D)
Hillsdale	6	(D)	(D)	242
Houghton	4	(D)	(D)	59
Ingham	18	(D)	(D)	1 924
Ionia	8	(D)	(D)	(D)
Iron	3	5 200	-	18
Jackson	22	98 896	91	345
Kalamazoo	86	4 049 551	337	11 417
Kent	65	2 897 340	328	9 727
Lapeer	26	621 041	(D)	3 205
Leelanau	9	6 200	67	(D)
Lenawee	16	46 630	63	246
Livingston	32	30 896	295	528
Mackinac	3	(D)	(D)	(D)
Macomb	101	1 918 947	1 388	11 139
Manistee	10	(D)	(D)	305
Marquette	4	(D)	(D)	26
Mason	19	(D)	(D)	(D)
Midland	5	(D)	(D)	103
Missaukee	3	(D)	(D)	(D)
Monroe	58	1 019 298	701	5 131
Montcalm	6	(D)	(D)	(D)
Montmorency	3	(D)	(D)	8
Muskegon	23	452 677	50	(D)
Newaygo	12	(D)	(D)	(D)
Oakland	75	1 082 981	697	9 585
Oceana	16	12 000	273	670
Osceola	4	(D)	(D)	56
Ottawa	117	4 029 420	4 793	26 622
Saginaw	28	206 440	149	1 060
St. Clair	31	174 857	416	1 680
St. Joseph	11	(D)	(D)	773
Sanilac	16	31 898	645	1 133
Shiawassee	14	(D)	(D)	281
Tuscola	4	(D)	(D)	30
Van Buren	34	299 721	425	8 437
Washtenaw	42	1 104 758	264	3 054
Wayne	94	1 988 662	573	7 821
Wexford	4	-	(D)	(D)
All other counties	34	242 206	247	896
PRODUCTS GROWN IN THE OPEN, IRRIGATED				
State Total				
Michigan 1982	374	(X)	7 610	(X)
1978	447	(X)	9 846	(X)
Counties, 1982				
Allegan	14	(X)	156	(X)
Barry	3	(X)	2	(X)
Bay	3	(X)	9	(X)
Berrien	23	(X)	355	(X)
Branch	5	(X)	392	(X)
Calhoun	5	(X)	223	(X)
Clinton	7	(X)	(D)	(X)
Eaton	4	(X)	(D)	(X)
Emmet	8	(X)	26	(X)
Genesee	6	(X)	(D)	(X)
Gratiot	3	(X)	4	(X)
Ingham	3	(X)	(D)	(X)
Jackson	4	(X)	3	(X)
Kalamazoo	20	(X)	98	(X)
Kent	14	(X)	61	(X)
Lapeer	9	(X)	129	(X)
Leelanau	5	(X)	10	(X)
Lenawee	4	(X)	17	(X)
Livingston	10	(X)	189	(X)
Macomb	25	(X)	477	(X)

Table 30. **Nursery and Greenhouse Products, Mushrooms, and Sod Grown for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
PRODUCTS GROWN IN THE OPEN, IRRIGATED—Con.					
Counties, 1982—Con.					
Manistee		5	(X)	41	(X)
Mason		11	(X)	54	(X)
Monroe		12	(X)	72	(X)
Montcalm		3	(X)	(D)	(X)
Newaygo		3	(X)	(D)	(X)
Oakland		24	(X)	221	(X)
Oceana		5	(X)	(D)	(X)
Ottawa		40	(X)	2 354	(X)
Saginaw		11	(X)	35	(X)
St. Clair		5	(X)	104	(X)
St. Joseph		5	(X)	(D)	(X)
Sanilac		8	(X)	379	(X)
Shiawassee		3	(X)	4	(X)
Van Buren		8	(X)	272	(X)
Washtenaw		12	(X)	129	(X)
Wayne		17	(X)	86	(X)
All other counties		27	(X)	167	(X)
BEDDING PLANTS					
State Total					
Michigan	1982	554	12 971 418	409	37 286
	1978	537	9 287 409	383	22 433
Counties, 1982					
Allegan		23	218 867	(D)	593
Barry		4	(D)	(D)	(D)
Bay		6	59 840	(D)	215
Benzie		3	(D)	(D)	(D)
Berrien		19	255 701	10	476
Branch		4	18 415	-	33
Calhoun		4	(D)	(D)	(D)
Cass		3	(D)	-	(D)
Clinton		5	9 000	(D)	24
Dickinson		3	5 000	-	34
Emmet		7	18 292	-	37
Genesee		10	65 100	(D)	368
Grand Traverse		3	(D)	-	(D)
Hillsdale		3	(D)	(D)	(D)
Ingham		7	178 240	-	560
Iron		3	5 200	-	18
Jackson		9	56 096	(D)	134
Kalamazoo		58	3 843 751	53	10 116
Kent		32	1 311 833	(D)	3 374
Lapeer		10	47 041	(D)	100
Lenawee		5	(D)	-	62
Livingston		8	14 596	-	35
Mackinac		3	(D)	-	(D)
Macomb		46	453 334	12	1 409
Manistee		4	(D)	(D)	(D)
Monroe		30	717 022	6	2 586
Muskegon		13	376 877	-	1 535
Oakland		22	549 865	(D)	2 200
Oceana		5	(D)	32	55
Ottawa		50	1 542 340	6	4 387
Saginaw		10	121 000	(D)	303
St. Clair		11	131 457	(D)	399
St. Joseph		4	(D)	(D)	6
Sanilac		4	31 898	-	75
Van Buren		12	126 877	28	715
Washtenaw		20	849 018	(D)	1 503
Wayne		49	1 091 981	(D)	2 724
All other counties		42	284 353	134	974
BULBS					
State Total					
Michigan	1982	39	123 355	770	2 602
	1978	38	113 622	715	1 878
CUT FLOWERS AND CUT FLORIST GREENS					
State Total					
Michigan	1982	129	1 007 926	559	5 658
	1978	140	1 295 305	587	5 462
Counties, 1982					
Allegan		4	(D)	(D)	(D)
Bay		4	(D)	(D)	43
Berrien		7	-	19	(D)
Branch		8	(D)	363	1 038
Clinton		3	(D)	(D)	19
Emmet		3	-	(D)	(D)
Kalamazoo		4	(D)	(D)	(D)
Livingston		3	(D)	(D)	(D)
Macomb		12	633 681	4	3 200
Monroe		8	7 900	10	23

Table 30. **Nursery and Greenhouse Products, Mushrooms, and Sod Grown for Sale: 1982 and 1978**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
CUT FLOWERS AND CUT FLORIST GREENS—Con.				
Counties, 1982—Con.				
Montcalm	4	(D)	(D)	5
Oakland	6	(D)	(D)	64
Ottawa	5	(D)	(D)	39
Saginaw	4	(D)	(D)	57
Van Buren	3	(D)	(D)	(D)
Washtenaw	9	22 500	(D)	123
Wayna	7	(D)	(D)	262
All other counties	35	200 250	46	533
FOLIAGE AND FLOWERING PLANTS				
State Total				
Michigan 1982	281	4 937 691	481	24 640
1978	330	4 473 020	319	19 815
Counties, 1982				
Allagan	15	120 436	43	959
Bay	4	130 000	(D)	(D)
Barrien	7	(D)	5	(D)
Branch	3	9 160	-	(D)
Cass	5	(D)	(D)	24
Clinton	4	(D)	(D)	9
Eaton	4	(D)	(D)	(D)
Ganesee	5	(D)	(D)	(D)
Grand Traverse	3	18 400	-	(D)
Hillsdale	3	(D)	(D)	(D)
Ingham	5	45 650	(D)	474
Ionia	3	(D)	(D)	(D)
Jackson	4	(D)	(D)	(D)
Kalamazoo	14	168 500	12	524
Kent	20	1 153 526	6	5 460
Leelanau	4	(D)	3	9
Lenawee	4	(D)	(D)	(D)
Livingston	5	(D)	(D)	30
Macomb	22	299 150	31	985
Monroe	8	(D)	(D)	1 446
Oakland	19	375 460	9	2 566
Ottawa	26	372 528	(D)	3 328
St. Clair	7	(D)	(D)	(D)
St. Joseph	4	(D)	(D)	(D)
Van Buran	9	128 444	(D)	(D)
Washtenaw	7	200 000	(D)	464
Wayna	31	730 273	3	3 480
All other counties	36	580 532	41	1 959
MUSHROOMS				
State Total				
Michigan 1982	9	1 608 420	(X)	14 970
1978	13	2 043 055	(X)	10 358
NURSERY PRODUCTS				
State Total				
Michigan 1982	547	2 444 830	11 407	46 862
1978	592	3 776 878	10 118	34 718
Counties, 1982				
Allegan	19	(D)	606	1 800
Antrim	5	(D)	21	(D)
Barry	5	-	8	30
Bay	4	-	101	181
Barrian	36	55 100	905	2 885
Calhoun	11	(D)	(D)	(D)
Cass	3	(D)	(D)	(D)
Clare	3	-	(D)	(D)
Clinton	8	-	42	42
Dickinson	5	(D)	(D)	17
Eaton	5	-	27	92
Emmet	5	-	19	75
Ganesee	14	-	80	347
Grand Traverse	7	(D)	75	164
Gratiot	8	(D)	(D)	70
Hillsdale	3	-	12	(D)
Ingham	4	(D)	(D)	(D)
Jackson	8	(D)	45	85
Kalamazoo	17	(D)	239	661
Kent	22	(D)	319	438
Lapeer	14	-	76	136
Leelanau	8	-	(D)	(D)
Lenawee	8	(D)	52	90
Livingston	17	(D)	100	180
Macomb	24	(D)	333	2 813
Manistee	6	-	81	242
Mason	17	(D)	(D)	449
Midland	4	(D)	(D)	(D)
Monroe	24	(D)	483	895
Muskegon	7	(D)	(D)	28

Table 30. Nursery and Greenhouse Products, Mushrooms, and Sod Grown for Sale: 1982 and 1978—Con.

[For meaning of abbrevietions end symbols, see introductory text]

Geographic area	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY PRODUCTS—Con.				
Counties, 1982—Con.				
Newaygo	7	-	105	(D)
Oakland	40	(D)	345	4 006
Oceana	8	(D)	236	(D)
Osceola	3	-	(D)	(D)
Ottawa	41	1 921 244	4 474	18 398
Saginaw	16	45 140	114	591
St. Clair	12	(D)	262	(D)
St. Joseph	4	(D)	(D)	(D)
Sanilac	8	-	260	262
Shiawassee	10	(D)	101	171
Van Buren	13	(D)	307	(D)
Washtenaw	13	-	187	894
Wayne	19	32 400	87	262
Wexford	3	-	8	14
All other counties	33	32 106	238	430
SOD HARVESTED				
State Total				
Michigan 1982	89	(X)	5 628	6 734
1978	97	(X)	7 401	7 617
Counties, 1982				
Eaton	3	(X)	(D)	(D)
Genesee	4	(X)	540	(D)
Ingham	4	(X)	(D)	(D)
Ionia	3	(X)	(D)	(D)
Jackson	3	(X)	38	37
Livingston	5	(X)	188	274
Macomb	10	(X)	1 008	744
Monroe	6	(X)	141	147
Oakland	8	(X)	331	355
Ottawa	3	(X)	56	(D)
St. Clair	5	(X)	145	130
Sanilac	5	(X)	385	795
Wayne	11	(X)	454	538
All other counties	19	(X)	1 269	1 731
VEGETABLE AND FLOWER SEEDS				
State Total				
Michigan 1982	27	72 212	31	104
1978	26	61 976	33	261
Counties, 1982				
Berrien	3	13 444	-	11
Macomb	4	9 450	-	11
Wayne	6	28 400	(D)	(D)
All other counties	14	20 918	(D)	(D)
GREENHOUSE VEGETABLES				
State Total				
Michigan 1982	35	653 601	(X)	816
1978	33	903 776	(X)	1 006
Counties, 1982				
Kent	8	370 293	(X)	311
Monroe	3	(D)	(X)	(D)
Ottawa	7	174 400	(X)	307
Wayne	4	29 608	(X)	104
All other counties	13	(D)	(X)	(D)

Table 31. Other Crops: 1982 and 1978

[For meaning of abbreviations and symbols, sae introductory text]

Geographic area		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres
MINT FOR OIL (POUNDS OF OIL)						
State Total						
Michigan	1982	53	6 012	186 936	7	443
	1978	37	4 395	103 094	9	546
Counties, 1982						
Clinton		18	2 483	79 489	2	(D)
Ingham		4	250	9 350	1	(D)
Newaygo		3	432	18 350	1	(D)
Sanilac		7	1 588	49 058	2	(D)
Shiawassee		13	745	17 860	-	-
All other counties		8	536	12 831	1	(D)
OTHER						
State Total						
Michigan	1982	26	87	(X)	3	3
	1978	44	415	(X)	3	5
Counties, 1982						
Berrien		6	33	(X)	1	(D)
Macomb		3	7	(X)	-	-
Van Buren		4	12	(X)	-	-
All other counties		13	35	(X)	2	(D)

Table 32. Farms Operated by Black and Other Races: 1982 and 1978

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area		Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
							Occupation farming			Occupation other than farming		
		Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $9,999	$10,000 or more	Less than $2,500	$2,500 to $9,999	$10,000 or more
STATE TOTAL												
Michigan	1982	308	35 617	259	16 632	5 628	21	47	57	90	61	29
	1978	321	36 897	287	19 880	5 085	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
COUNTIES, 1982												
Allegan		11	730	6	130	72	-	1	4	3	3	-
Berrien		12	287	9	140	64	-	4	-	3	3	2
Calhoun		9	1 298	8	593	77	1	2	3	2	-	1
Cass		22	1 854	18	736	130	4	3	2	10	1	2
Chippewa		4	614	4	139	7	-	-	-	3	1	-
Clinton		8	1 299	8	462	92	-	2	4	2	-	-
Genesee		9	1 295	8	594	244	1	2	3	1	1	1
Grand Traverse		4	417	3	292	154	-	1	2	-	1	-
Gratiot		3	1 138	2	(D)	200	-	-	1	1	-	1
Hillsdale		5	439	5	280	216	-	-	2	2	1	-
Ingham		6	572	5	375	196	1	-	1	3	1	-
Isabella		4	254	4	121	23	-	1	-	2	-	1
Jackson		7	4 149	6	1 805	848	1	2	-	-	3	-
Kalamazoo		5	557	5	210	27	-	-	-	2	2	1
Kent		4	122	2	(D)	8	-	-	-	3	1	-
Lake		3	341	3	80	5	-	1	-	2	-	-
Lapeer		6	1 207	6	679	316	-	-	3	2	1	-
Lenawee		6	398	5	258	33	-	-	1	3	1	1
Livingston		3	115	2	(D)	13	-	-	-	-	3	-
Mackinac		4	645	2	(D)	8	3	-	-	1	-	-
Mason		6	644	5	276	92	-	-	1	3	1	1
Mecosta		3	361	3	232	46	-	-	1	2	-	-
Monroe		13	593	9	203	42	3	1	1	4	4	-
Montcalm		5	413	5	184	20	-	2	-	1	2	-
Oakland		5	158	2	(D)	34	-	1	-	2	-	2
Oceana		5	236	5	64	40	-	1	1	1	1	1
Ottawa		7	270	6	126	92	-	2	2	3	-	-
Saginaw		9	1 879	7	1 316	509	-	-	4	2	2	1
St. Clair		6	991	5	444	64	1	2	1	-	1	1
St. Joseph		5	580	5	439	80	-	-	2	-	2	1
Sanilac		3	610	3	384	84	-	-	1	-	2	-
Shiawassee		5	621	5	232	39	-	1	1	1	2	-
Tuscola		5	435	4	264	59	1	-	1	1	-	2
Van Buren		51	2 904	45	1 372	534	1	13	7	11	13	6
Washtenaw		5	507	4	293	129	-	-	-	2	2	1
Wayne		9	1 328	8	470	79	1	3	-	2	2	-
All other counties		31	5 356	27	2 393	949	3	2	8	10	4	3

Table 33. Farms Operated by Black and Other Races by Tenure: 1982 and 1978

[For classification of social end ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic eree	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Michigan 1982	218	20 870	7 472	65	12 469	7 587	25	2 278	1 573
1978	225	17 098	7 202	75	17 585	11 029	21	2 214	1 649

Table 34. Operators by Selected Racial Groups: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
BLACK				
State Total				
Michigan 1982	185	19 974	53	11 977
1978	188	19 787	48	11 056
Counties, 1982				
Allegan	9	(D)	4	350
Berrien	12	287	2	(D)
Calhoun	7	(D)	3	(D)
Cass	21	(D)	4	843
Clinton	3	(D)	3	(D)
Genesee	9	1 295	4	828
Hillsdale	5	439	2	(D)
Jackson	3	(D)	-	-
Kalamazoo	3	(D)	1	(D)
Lake	3	341	-	-
Monroe	12	(D)	1	(D)
Montcalm	4	(D)	-	-
Oakland	3	(D)	-	-
St. Clair	4	(D)	1	(D)
Sanilac	3	610	1	(D)
Tuscola	4	(D)	3	(D)
Van Buren	45	2 697	12	(D)
Washtenaw	4	(D)	-	-
Wayne	8	(D)	-	-
All other counties	23	6 177	12	5 307
AMERICAN INDIAN				
State Total				
Michigan 1982	73	8 178	17	3 894
1978	58	9 519	15	6 265
Counties, 1982				
Chippewa	3	(D)	-	-
Isabella	3	(D)	1	(D)
Jackson	3	184	-	-
Lapeer	4	(D)	2	(D)
Livingston	3	115	-	-
Mackinac	4	645	-	-
Ottawa	4	211	2	(D)
Saginaw	5	1 487	3	(D)
Shiawassee	4	(D)	-	-
All other counties	40	3 865	9	1 604
ASIAN OR PACIFIC ISLANDER				
State Total				
Michigan 1982	19	5 303	7	909
1978	13	1 033	3	598
OTHER RACES (SEE TEXT)				
State Total				
Michigan 1982	31	2 162	9	1 035
1978	62	6 558	20	3 909

Table 35. Operators of Spanish Origin: 1982 and 1978

[For meaning of abbreviations end symbols, see introductory text]

Geographic area		All farms		Farms with sales of $10,000 or more	
		Farms	Land in farms	Farms	Land in farms
STATE TOTAL					
Michigan	1982	116	14 496	40	8 659
	1978	182	31 400	69	24 437
COUNTIES, 1982					
Allegan		3	365	1	(D)
Bay		3	143	1	(D)
Berrien		3	30	-	-
Clinton		5	253	1	(D)
Grand Traverse		3	233	1	(D)
Gratiot		5	273	-	-
Ingham		5	139	1	(D)
Kalamazoo		3	2 342	1	(D)
Kent		4	381	2	(D)
Lenawee		3	145	-	-
Montcalm		4	305	1	(D)
Muskegon		4	547	2	(D)
Oceana		4	246	2	(D)
Saginaw		4	300	1	(D)
St. Clair		4	1 648	2	(D)
Sanilac		3	98	2	(D)
Van Buren		9	614	3	367
Wayne		7	72	3	17
All other counties		40	6 362	16	3 860

Table 36. Commodity Credit Corporation Loans by Commodity Group: 1982

[For meaning of abbreviations end symbols, see introductory text]

Geographic area	Total		Feed grains		Wheat		Cotton		Soybeans, peanuts, rye, rice, tobacco, and honey	
	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)
STATE TOTAL										
Michigan 1982	3 791	136 699	3 085	114 468	505	3 166	-	-	925	19 065
COUNTIES, 1982										
Alcona	5	33	3	(D)	3	(D)	-	-	-	-
Allegan	122	6 031	118	5 809	8	11	-	-	8	211
Alpena	22	84	13	44	10	39	-	-	-	-
Antrim	4	67	4	67	-	-	-	-	-	-
Arenac	33	969	24	736	8	101	-	-	12	131
Barry	97	3 420	88	2 991	21	116	-	-	22	312
Bay	49	2 081	38	1 875	6	(D)	-	-	16	(D)
Berrien	62	2 042	49	1 539	2	(D)	-	-	23	(D)
Branch	148	4 742	135	4 098	2	(D)	-	-	42	(D)
Calhoun	95	3 669	83	3 389	14	17	-	-	13	263
Cass	119	3 689	107	3 317	3	2	-	-	29	370
Charlevoix	6	50	6	50	-	-	-	-	-	-
Clare	12	231	11	(D)	1	(D)	-	-	-	-
Clinton	161	4 439	100	2 955	45	225	-	-	62	1 259
Delta	6	36	4	(D)	2	(D)	-	-	-	-
Dickinson	3	(D)	3	(D)	-	-	-	-	-	-
Eaton	100	4 042	89	3 223	19	228	-	-	35	591
Genesee	53	1 991	34	1 655	3	(D)	-	-	21	(D)
Gladwin	23	392	20	353	8	(D)	-	-	1	(D)
Grand Traverse	9	50	7	(D)	4	(D)	-	-	-	-
Gratiot	97	2 703	75	1 999	4	10	-	-	38	693
Hillsdale	115	3 913	97	3 623	11	16	-	-	19	273
Huron	169	4 504	133	4 240	55	251	-	-	4	12
Ingham	153	8 751	133	7 223	34	589	-	-	40	939
Ionia	126	3 454	100	2 671	30	170	-	-	26	613
Iosco	12	882	12	(D)	1	(D)	-	-	1	(D)
Isabella	40	1 111	33	1 026	4	1	-	-	5	83
Jackson	87	4 127	84	3 889	7	(D)	-	-	3	(D)
Kalamazoo	69	2 979	54	2 362	4	(D)	-	-	26	(D)
Kalkaska	4	47	4	47	-	-	-	-	-	-
Kent	77	2 818	71	2 742	11	(D)	-	-	3	(D)
Lake	5	38	3	35	2	(D)	-	-	1	(D)
Lapeer	80	2 631	72	2 538	7	47	-	-	8	47
Leelanau	13	130	9	61	4	(D)	-	-	1	(D)
Lenawee	203	9 535	135	6 322	29	170	-	-	118	3 043
Livingston	47	2 154	40	2 066	8	30	-	-	4	58
Macomb	36	826	23	601	2	(D)	-	-	16	(D)
Manistee	4	23	4	23	-	-	-	-	-	-
Mason	38	862	36	815	5	(D)	-	-	2	(D)
Mecosta	39	878	39	869	4	9	-	-	-	-
Menominee	9	26	9	26	-	-	-	-	-	-
Midland	22	1 096	20	906	-	-	-	-	6	190
Missaukee	24	95	22	(D)	1	(D)	-	-	1	(D)
Monroe	84	3 026	57	2 149	3	(D)	-	-	49	(D)
Montcalm	100	3 715	92	3 487	12	126	-	-	4	102
Muskegon	19	1 151	18	(D)	-	-	-	-	3	(D)
Newaygo	49	629	46	628	3	2	-	-	-	-
Oakland	13	607	11	527	4	(D)	-	-	2	(D)
Oceana	12	248	11	(D)	1	(D)	-	-	-	-
Ogemaw	8	(D)	8	(D)	-	-	-	-	1	(D)

Table 36. **Commodity Credit Corporation Loans by Commodity Group: 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Feed grains		Wheat		Cotton		Soybeans, paanuts, rye, rica, tobacco, and honay	
	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)	Farms	Loans ($1,000)
COUNTIES, 1982 —Con.										
Oscaola	6	(D)	2	(D)	2	(D)	-	-	2	(D)
Ottawa	50	2 563	48	2 525	5	(D)	-	-	1	(D)
Saginaw	111	2 978	48	1 238	11	45	-	-	73	1 695
St. Clair	52	2 937	43	2 342	4	18	-	-	20	577
St. Joseph	131	5 850	115	4 964	6	13	-	-	33	673
Sanilac	149	5 731	122	4 772	28	155	-	-	30	804
Shiawassee	128	2 848	84	1 768	14	43	-	-	48	1 037
Tuscola	98	5 729	84	4 886	12	90	-	-	18	753
Van Buran	85	4 238	73	3 845	3	(D)	-	-	14	(D)
Washtanaw	75	2 670	62	2 303	13	29	-	-	17	337
Wayna	4	44	3	(D)	-	-	-	-	1	(D)
Waxford	4	34	2	(D)	-	-	-	-	2	(D)
All other counties	15	71	12	65	2	(D)	-	-	1	(D)

APPENDIX A.
General Explanation

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TAKING THE CENSUS

Method of Enumeration

All censuses beginning with the 1969 census have been conducted primarily by mail. The 1978 census was the only census to include a mailout/mailback enumeration supplemented by the direct interview of all households in a sample of area segments. This combination of the mailout/mailback enumeration plus the area sample was used in 1978 to improve completeness of coverage for U.S., regional, and State level agriculture census statistics. Due to budget reductions, the area sample was eliminated in 1982.

In censuses prior to the 1969 census, enumerators were assigned to specific areas and called on all farm operators within each area. Beginning with the 1950 census, copies of the report form were mailed prior to the enumeration date to each boxholder served by post offices in predominantly rural areas and farmers were asked to complete the forms and have them ready for the enumerator to pick up.

The mailout/mailback enumeration procedure was not used in taking the agriculture census in Puerto Rico, Guam, and the Virgin Islands. A discussion of the direct enumeration methods used there appears in the reports for these outlying areas. A description of the special direct enumeration of citrus caretakers is included in the **Definitions and Explanations** section.

Mail List

The mail list for the 1982 census was comprised of all individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1978 census and administrative records of various government agencies, primarily the Internal Revenue Service and the U.S. Department of Agriculture (USDA).

Lists of large or specialized operations, such as nurseries, specialty crop farms, broiler growers, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of multiestablishment companies having one or more establishments (or locations) producing agricultural products were obtained from the 1978 census and updated using information from the Standard Statistical Establishment List maintained by the Census Bureau.

A preliminary census mail list was assembled using names and addresses from the 1978 census and administrative source lists available in September 1981. Those records which were less likely to be farms were included in the 1982 Farm and Ranch Identification Survey. Approximately 3 million farm and ranch forms were mailed in March 1982 to names which appeared on only one source list or selected combinations of lists which had yielded a low percentage of farm operators in the 1978 census. As a result of this survey, nonfarm names and addresses were deleted from the census mail list, new tenant and successor operations were added, and the names, addresses, and size information were updated for the identified active farm operators.

The final census mail list was developed using results of the 1982 Farm and Ranch Identification Survey, names and addresses from the unduplicated preliminary list that were retained without precensus verification, and new or updated source lists acquired after the preliminary unduplication. The preliminary and final census mail lists were both constructed by merging and unduplicating the names and addresses from the various source lists on the basis of Employer Identification numbers, Social Security numbers, and names and addresses. To facilitate processing, each name on the administrative source lists was assigned a geographic code indicating the State and county location of the operation and a size code indicating an estimated value of sales. Most duplicates were identified and resolved prior to mailing. Other duplicate names were either reported by respondents or located during office processing.

Report Forms

In 1982, 12 regional report form versions were used. These forms were tailored primarily in sections 2 through 8 to list crops commonly produced in one or more States, and in section 15 to list livestock specialties produced. These modifications were made to enhance reporting of crop and livestock data and to reduce respondent burden.

Two report form versions were used to minimize the reporting burden, particularly for small farms. Approximately 75 percent of all farms received the 4-page nonsample form covering major items such as land use, crops, livestock and poultry, market value of agricultural products sold, and operator characteristics. The 5-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. The sample form contained all the items asked on the nonsample form plus the sample items (sections 22 through 28).

The sample form and the information sheet appear in appendix C. The **Statistical Adjustments** section of this appendix includes a discussion of the criteria used to determine whether the sample or nonsample form was to be mailed to addressees.

Initial Mailing

The report forms were mailed in late December 1982 to the approximately 3,653,000 individuals, businesses, and organizations on the mail list. The information sheet containing instructions for completing the form and a brochure explaining the uses of the census data were included with each report form. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; and producers of poultry under contract, bees and honey, fish, laboratory animals, worms, and nursery and greenhouse products.

In an effort to provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to county agricultural agencies, institutions, or businesses to whom farmers might turn for help. Included were vocational agriculture instructors, and USDA county offices—Agricultural Stabilization and Conservation Service, Farmers Home Administration, Soil Conservation Service, and Cooperative Extension Service. This guide contained descriptions and definitions for various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms if requested.

Followup Procedures

The data collection effort included a reminder card and five followup letters, two of which were accompanied by a report form. Followup reminders were sent to nonrespondents on a flow basis at 3- to 4-week intervals starting in late February and continuing until late June 1983. In early April 1983, an additional followup letter was sent to nonrespondents in low response counties in 14 States.

Telephone calls were made to nonrespondents who were expected to have large operations (those with expected sales of $100,000 or more) or who were located in low response counties. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Statistical Adjustments section.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data onto magnetic tape. These included reports with attached correspondence, and reports with remarks or no positive data on the front page. All new successors reported by former operators were researched to see if they had already been included in the census mailing. Report forms were mailed to successor addresses not located on the mail file. This processing improved the coverage of the census.

The data for each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Significant computer-generated changes to the data were reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for significant changes between 1978 and 1982. Sizeable historical differences were resolved or verified, by telephone if necessary.

Respondents who reported sales or acreage above specified levels on nonsample forms were sent correspondence requesting the additional sample data. Report forms with reported sales of $1,000,000 or more or 30,000 acres or more, and other selected problem reports were reviewed by statisticians in the Agriculture Division. Problems that could not be resolved by reference to other information on the report were resolved by contacting the respondents by telephone or correspondence.

Prior to publication, tabulated totals were reviewed by statisticians to identify any inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA and other available check data. Selected report forms were reviewed and problem entries were either verified as being correct or the data were corrected.

MAJOR DATA CHANGES

The content of the 1982 census report form is similar to that of the 1978 form. To limit respondent burden, the 1978 and 1982 forms included only data items needed at the county level, either on a complete or sample basis. The 1978 census data items which were eliminated from the 1982 form include:

Land held under foreign ownership
Gallons purchased of gasoline; diesel fuel; LP gas, butane and propane; and fuel oil
Animal health costs for livestock and poultry

The following new data items were added to the 1982 report form:

Interest expense for the farm business
Source of irrigation water
Year in which the operator began to operate the farm

More extensive data on Commodity Credit Corporation (CCC) loans were collected in 1982.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1982 census report forms and the information sheet which accompanied these forms, see appendix C.

Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves . . . . . farms. .842
number. .28,594

Land in farms—The acreage designated in the tables as "land in "farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not

actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States shown for 1982 represents the total land area as determined by records and calculations updated as of January 1, 1983. The county land areas were remeasured in 1980. The previous county measurements were done in 1940. Any differences between the land area in 1982 and 1978 are due to these new measurements, annexations, and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1978 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would significantly affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement, and all land planted in crops that were grazed before the crops reached maturity. Also included was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured after crops were harvested was not to be included.

Other cropland—This category includes cropland used only for soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, and land planted for Christmas tree production. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore was not included in woodland pastured.

Other land—This category includes land in house lots, barn lots, ponds, roads, wasteland, etc. In 1974, for farms with sales of less than $2,500, this category included pastureland and rangeland other than cropland and woodland pastured in addition to land in house lots, barn lots, ponds, roads, and wasteland.

Land set aside in federal farm programs—This land includes land diverted or set aside under the provisions of the Federal Commodity Acreage Reduction Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. No information was obtained as to which crops would have been grown on the acres set aside.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, marketing, etc. The operator may be the owner, a member of the owner's household, a salaried manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as an operator. If there is no clear-cut partner in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operations.

Operator characteristics—Data on characteristics such as residence, race, Spanish origin, age, sex, principal occupation, and off-farm work were collected from all operators in 1982. If

operator characteristics of race, age, sex, and principal occupation were not reported, they were derived based on information reported by farms with similar acreage size, tenure, and sales size. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. For the 1982 and 1978 censuses, operators of Spanish origin were tabulated by reported race. Prior censuses included Spanish origin as "White" whenever separate data for the White race were shown.

Selected farm production expenses—Since only selected production expenses incurred in 1982 were requested, the expense data cannot be used in combination with gross sales to calculate net cash farm income. The **1979 Farm Finance Survey** provided estimates on net cash farm income.

In 1982, as in other recent censuses, operators producing crops, livestock, or poultry under contract frequently failed to report certain expenditure data. They often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, the rate of imputation of expenditure data for these operations is considerably higher than it is for noncontract producers.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1982, excluding the cost of application. Some fertilizer purchased in 1982 may not have been applied during the year. If the fertilizer was applied by someone other than the operator, respondents were requested to report the cost of application as an expense for customwork, machine hire, and rental of machinery and equipment.

Other agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, excluding costs of application. Data exclude commercial fertilizer purchased. The cost of lime is included in the 1978 data, but excluded from 1982.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest expense—Only the interest expense for the farm business was to be reported. Although instructions requested that interest on the owner/operator dwelling be excluded when separate records were available, it is probable that an undetermined amount of such nonfarm business interest was also reported.

Energy and petroleum products—Respondents were asked to report only those expenses pertaining to the operation of the farm business.

Storage capacity—This category applies to those farms reporting expenditures for the specific kind of fuel. The storage capacity was to be reported even if not used during the census year.

Farms with storage capacity reported as "no"—This category includes farm operators with expenditures for a specific kind of fuel who also checked the "none" box for storage capacity. See appendix C, section 26, **Expenditures for Energy.**

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1982 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes the loan value received in 1982 for placing commodities in the CCC loan program. This ensures comparability with prior census years for market value of agricultural products sold.

The value of agricultural products sold represents total sales of all crops, including nursery products sold, and livestock, poultry, and their products sold. It does not include income from farm-related sources such as customwork or agricultural services, or income from nonfarm sources. Sales of forest products were not included in 1978 or 1982; but were included in 1974.

The value of crops sold in 1982 does not necessarily represent the sales from crops harvested in 1982. Data may include sales from crops produced in earlier years and exclude some crops produced in 1982, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report only the total value received in 1982.

The value of agricultural products sold was collected from all operators. If the operator failed to report, estimates were made based on the amount of crops harvested or the number of livestock or poultry sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1982 with sales reported in earlier censuses due to the fluctuations in per-unit prices between census years.

Income from machine work, customwork, and other agricultural services—This category consists of gross income received during 1982 by farm operators for providing services for others such as planting, plowing, spraying, harvesting, etc. Income from machine work and other agricultural services is generally included in the agriculture census if it is supplemental to the farming operation. However, it is excluded if it constitutes a separate establishment or is conducted from another location. The agricultural services part of a farming operation was generally considered a separate establishment when income from agricultural services was $10,000 or more and greater than the value of agricultural products sold. Due to legislative restrictions, data for establishments primarily engaged in agricultural services were not collected in 1982.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census. The value of fish and other aquacultural products sold and laboratory animals

sold is included in the category "other livestock and livestock products."

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area. The completeness and accuracy of these data are affected by the fact that some bee operations may not have been on the mail list and some operators on the mail list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

Citrus enumeration—In the 1982 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker was also requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1982 census, 8 caretakers in Arizona reported 210 grove owners having 13,000 acres of citrus; the 99 caretakers in Florida reported 5,900 grove owners having 250,000 acres of citrus; and 21 caretakers in Texas reported 1,500 grove owners having 30,000 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1982 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1981 through July 1982 harvest season, except limes that were harvested in the April 1982 through March 1983 harvest season. The data for Texas relate to the quantity harvested in the September 1981 through May 1982 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1981-82 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1981 through November 1982 harvest season and for Florida the April 1982 through March 1983 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1981 through March 1982 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1981 through August 1982 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1981 through April 1982, and for Texas the cuttings from October 1981 through April 1982.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1982.

Coffee—The data for Hawaii relate to the 1981-82 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse products; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. The exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green crop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not to be reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse products; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops are published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure prooer coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

Changes in crop wording—Changes were made to the wording of selected crop items on the 1982 census forms. These items are listed with the wording used in 1978. The 1982 and 1978 data are comparable for all items, except improved pecans and wild and seedling pecans which were combined.

Dry edible beans, excluding dry limas—The 1978 wording was "dry field and seed beans."

Dry edible peas—The 1978 wording was "dry field and seed peas". Dry edible peas exclude Austrian winter peas, wrinkled seed peas, and southern peas or cowpeas.

Green cowpeas and green southern peas; cowpeas and southern peas for dry peas—The wording for these items was changed for 1982 to include the term "southern peas," a more common term for cowpeas.

Honey tangerines—The 1978 wording was "murcotts.".

Other tangerines—The 1978 wording was "tangerines and mandarins."

Pecans—The 1978 categories "improved pecans" and "wild and seedling pecans" have been combined into "pecans" for 1982.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1982 and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1982, the 5-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 22 through 28 of the 1982 census forms include inquiries on commercial fertilizer and lime, chemicals, interest expense, machinery and equipment, expenditures for energy and petroleum products, selected production expenses, and value of land and buildings. Estimates of the reliability of county totals for selected items are shown in table E.

Principal source of irrigation water—The acres irrigated by principal source were derived based on reported percentages of water obtained by source. See appendix C for an example of section 11, **Land Irrigated.** When irrigation water was obtained from two or more sources, the acres irrigated were included only once under the source from which the largest percentage of water was obtained.

1974 data apply only to individual or family operations (sole proprietorships) and partnerships—For 1974, farm operator characteristics were not collected from corporations, cooperatives, prison farms, grazing associations, and Indian reservations. For 1982 and 1978, characteristics and occupation of the senior partner or person in charge were collected from all farms.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Farms reporting no interest expense—This category includes only reports without dollars reported and the "no" box checked for the yes/no screening question in section 24. See appendix C for an example of section 24, **Interest Expense.**

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery products, and hay. Respondents were asked to include landlords' and contractors' shares. As in prior census years, the value of commodities placed in CCC loans are included as sold. Sales of forest products were not included in 1978 or 1982. The 1974 data included sales of forest products from those places qualifying as farms through other agricultural production.

Farms with sales of less than $2,500—In 1982 and 1978, this category included all farms, except abnormal farms, with actual sales of less than $2,500. In 1974, farms with sales of less than $2,500 but having the production potential for sales of $2,500 and over are included in the category "$2,500 to $4,999."

Farms with sales of less than $1,000—This category includes all farms, except abnormal farms, with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, peni-

tentiaries, churches, schools, grazing associations, government agencies, etc. In prior censuses, a number of nongovernmental units such as church farms and FFA camps were classified as abnormal farms. In 1982, such nongovernmental units were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Value of agricultural products sold directly to individuals for human consumption—This category represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible products such as nursery products, cut flowers, wool, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the Statistical Reporting Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched during the year and placed or sold. Incubator egg capacity on December 31, 1982, is tabulated under the column heading Inventory and the number of poultry hatched is under the heading Sales.

Worms—Worm inventory consists of the number of standard worm beds in production. A standard worm bed is considered to be 24 cubic feet. Sales of worms are shown in pounds. Sales of worm castings are included in other livestock products sold.

Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grass silage, haylage, and green chop hay—The 1978 categories "grass silage and haylage" and "hay crops cut and fed green (green chop)" have been combined into "grass silage, haylage, and green chop hay" in 1982.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds fresh weight. The conversion used was 4.3 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Almonds—In 1982, the quantity of almonds harvested was reported in pounds of meats. For 1978, the quantity harvested was reported in the shell.

Other fruits and nuts—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1982 report form.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Vegetables harvested for sale—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse products grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, cowpeas and southern peas for dry peas, emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1982 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained in most part from publications of the Statistical Reporting Service, USDA. When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 44 through 50 present detailed 1982 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups, or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales—In 1982, all farms except abnormal farms were tabulated by size based on reported sales. Thus, the category "farms with sales of $2,500 to $4,999" included only farms with actual sales of $2,500 to $4,999. Abnormal farms were not tabulated based on actual or potential sales. The category "farms with sales of less than $1,000" included all farms, except abnormal farms, with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more.

The sales size categories have been changed to be consistent with the standard business size categories issued by the Office of Management and Budget in 1982. Sales size categories "$100,000 to $249,999" and "$250,000 to $499,999" are used in this report; whereas, sales size categories "$100,000 to $199,999" and "$200,000 to $499,999" were used in prior censuses. In State table 11 and county table 3, the 1978 census data have been retabulated into the new sales size categories.

Farms by tenure of operator—The classifications of tenure used in the 1982 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Farms by type of organization—All farms were classified by type of organization in the 1982 census. The classifications used were:

Individual or family operation (sole proprietorship), excluding partnership and corporation.

Partnership operation, including family partnership.

Corporation, including family corporation.

Other, such as cooperative, estate or trust, institutional farm, etc.

Corporations were subclassified by two additional characteristics into:

a. Family held
   Other than family held

b. More than 10 stockholders
   10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were obtained from all operators in 1982. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1982 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1982 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1982, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the standard industrial classification (SIC) system. These classifications, found in the 1972 SIC Manual[1], are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 4-digit industry and 3-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

Characteristics of all farms by selected SIC groupings are shown in State tables 15 and 50. The SIC groupings shown in State table 50, together with the associated products (value of sales representing 50 percent of more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, emmer, field seeds, flaxseed, lentils, mustard seed, oats, popcorn, rye, safflower, sorghum, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugar crops, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, flax, hay, hops, mint, peanuts, sweetpotatoes, and timothy.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Ornamental plants; nursery products, such as bulbs, florists' greens, flowers, shrubbery, flower and vegetable seeds and plants, and sod; mushrooms and vegetables grown under cover.

General farms, primarily crops (019)—Crops, including horticultural specialties, but less than 50 percent of sales from any single 3-digit industry group. Includes farms with no agricultural products sold reporting cropland harvested or cropland on which all crops failed.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, wool, and mohair.

[1] **Standard Industrial Classification Manual: 1972.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. **1977 Supplement.** Stock No. 003-005-00176-0.

Beef cattle, except feedlots (0212)—Production or feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, duck, geese, pheasants, pigeons, and quail.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock (029)—Livestock and livestock products, including animal specialties, but less than 50 percent of sales from any single 3-digit industry group. Includes farms with no agricultural products sold reporting livestock or pasture.

STATISTICAL ADJUSTMENTS

The 1982 Census of Agriculture used two types of statistical adjustments—nonresponse and sample. These adjustments were necessary because, as noted previously, not all farms were surveyed for all items and some farms failed to respond to the numerous attempts to contact them.

Nonresponse

Farms for which no response was obtained from the mailout/mailback self-enumeration procedure were classified as "large" or "small" based on expected sales being above or below $100,000. The small nonrespondents were classified even further using other mail list characteristics.

A short report form was then sent to a sample selected from the various classifications of small farms to obtain information needed to develop a State estimate of the number of nonrespondents that were in fact farms. If this second report form was not returned, then a telephone follow-up was attempted.

For all large farms, a telephone follow-up was conducted. Some operators could not be contacted or they refused to cooperate. In these cases, secondary sources such as ASCS county offices, extension agents, and previous census reports were utilized whenever possible to provide reports for tabulation.

State estimates of the percentage of nonrespondent farms were made for several strata. These estimates were then used to make estimates at the county level for each stratum. Respondent farms were then randomly selected within county stratum to represent the nonrespondent farms by having a nonresponse weight of two. All other respondent farms had a nonresponse weight of one.

The nonresponse adjustment procedure makes the assumption that the respondents and the nonrespondents have similar statistical properties. Also, the use of secondary sources for some large farms and the fact that a percentage of the sampled farms were not contacted by either mail or telephone is assumed not to affect the estimates for nonrespondents.

Table A partially measures the effect of nonresponse on selected major items at the State level. This estimate of the nonresponse rate measures only the effect of small whole farm nonresponse. The effect of the adjustment for nonresponse due to complete nonresponse among large farms and item nonresponse among all farms is not included in table A. The percentages in table A indicate the potential for bias in published figures resulting from small farm nonresponse. However, large farm nonresponse does not necessarily indicate bias. Individual county nonresponse rates may differ substantially from the State value in table A.

Sample

Report forms containing additional sample inquiries (sections 22 through 28) were mailed to all farms in Alaska and Hawaii and to a sample of farms identified when the mail list was constructed. Other farms were selected into the sample with certainty because they were expected to be "large," to have a complex organizational structure, or to have special characteristics. The definition of large varied by State, from a low of 1,000 acres or $100,000 sales to a high of 10,000 acres or $500,000 sales. The median State level for the continental United States was 1,800 for acres and $150,000 for sales. Large farms identified during processing also were included with certainty by sending the respondents a supplemental form containing only sample questions. In addition to large farms, all farms in counties containing less than 100 farms in 1978 and all farms in SIC groups with a small number of farms at the State level in 1978 were included in the sample with certainty. Farms in counties containing 100 to 199 farms in 1978 were sampled at a rate of 1 in 2. Farms in counties containing 200 or more farms in 1978 were sampled at a rate of 1 in 6.

The noncertainty samples were stratified into 128 strata formed by the 8 sales groups, 8 SIC groups, and 2 acre groups.

Sales	SIC	Acres
$1 to $999	011	0 to 69
$1,000 to $2,499	013	70 or more
$2,500 to $4,999	016, 018	
$5,000 to $9,999	017, 019	
$10,000 to $19,999	024, 021, except 0212	
$20,000 to $39,999	0212, 027	
$40,000 to $99,999	025	
$100,000 or more	029	

This post-stratification was done to improve precision and to reduce the bias in all estimates by weighting the sample farms within stratum by the ratio of total farms to sample farms. If the calculated weight was greater than 12 in counties sampled at a rate of 1 in 6, or greater than 4 in counties sampled at a rate of 1 in 2, then the post-stratum was collapsed into another post-stratum. Collapsing of post-stratum also occurred if the stratum contained fewer than 10 sample farms.

Table A. **Percent of State Total Represented by Adjustment of Whole Farm Nonresponse: 1982**

Item	Percent of total
Farms . . . . . number. .	10.1
Land in farms . . . . . acres. .	7.1
Value of land and buildings . . . . . $1,000. .	6.4
Market value of agricultural products sold . . . . . $1,000. .	4.7
Harvested cropland . . . . . acres. .	6.7
Corn for grain or seed . . . . . acres. .	6.1
Wheat for grain . . . . . acres. .	7.0
Inventory:	
Cattle and calves . . . . . number. .	6.1
Hogs and pigs . . . . . number. .	5.3
Hens and pullets of laying age . . . . . number. .	1.3

Estimates were prepared for items in sections 22 through 28 of the report form by multiplying the data item for each farm in the sample by the sample weight assigned the farm. The weight for a certainty farm was 1. Sample weights for the final post-strata ranged from 1 to 24 because all exact weights (census total number of farms divided by the number of sample farms in the stratum) were converted to integers by a simple algorithm and then multiplied by 1 or 2 (the nonresponse weight).

NONSAMPLING ERRORS

Each census or survey is subject to error. In addition to sampling variability, errors arise from nonsample sources such as incorrect or incomplete reporting, processing, and the inability to obtain a report from each eligible reporting unit. For example, an operator may report the number of hogs and pigs sold but may not report the value of the sale. In other cases, the respondent indicated the presence of an item but not the quantity. The accuracy of a census count is determined by the joint effects of sampling and nonsampling errors. Thus, extensive efforts were made to keep errors introduced during clerical and electronic processing to a minimum level through the use of quality control, verification, and check measures on specific operations.

CENSUS COVERAGE

Although a complete and accurate count of farms, land in farms, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this difficult to achieve. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agricultural operations, the difficulty of locating and identifying some types of farms, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census.

An evaluation of coverage has been conducted for each census of agriculture since 1945. Although the primary purpose of these evaluations is to identify problem areas and supply evidence as a basis for improvements, they also provide users of census data with estimates of the completeness of the census counts. The results of the coverage evaluation study were published for the 1978 census in Volume 5, Special Reports, part 3. An evaluation of coverage was conducted in 1982 to measure the extent of the undercount and overcount of farms in the census. A description of this evaluation will be in a separate **Coverage Evaluation** report. This report includes estimates of the net percentage of all farms, acres, and sales missed in the census.

Classification Problems

In 1978, the proportion of farms missed due to misclassification (1.8 percent) was higher for farms with small values of sales. The rate of misclassification was higher on (1) crop farms than livestock farms, (2) farms with a small number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Full owners were misclassified more often than part owners. Farm operators over 55 years of age were misclassified more often than younger operators.

An evaluation study of classification errors was conducted in the 1982 Census of Agriculture and will be reported in **Coverage Evaluation.** A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or nonfarm. Two types of errors were identified; missed farms and overcounted farms. Missed farms were farm operations included on the mail list but classified in the census as nonfarms. Overcounted operations were nonfarm operations classified in the census as farms.

Mail List Problems

A major problem with the use of a mail list is the failure to include all farms on the list. In 1978, approximately 10.8 percent of all farms were not included on the census mail list. There were several reasons for the farm operator's names not being included on the mail list—the operation may have been started after the mail list source was developed; the operation may not have been included on any source list used to construct the mail list; or the operation may have been removed from the list because of incorrectly identifying duplicates or falsely classifying it as a nonfarm prior to mailout.

A great many of the farms not included on the mail list were small in both acres and sales. The operator in many cases had a full time off-farm job and farmed part time. In 1978, the average size of farms and sales for all farms and farms not on mail list is given below.

	Average size	
	All farms	Farms not on mail list
Land (acres)	415	68
Sales (dollars)	$43,618	$4,709

RELIABILITY OF CENSUS ESTIMATES

The sources of possible sampling and nonsampling errors have been previously discussed. Some sources affected all the data; others affected only certain items or geographic levels. The results of these errors, bias and increased variability, are difficult to measure.

Census items were classified as either 100-percent or sample items. The 100-percent items were those asked of all farm operators. These included land in farms, harvested cropland, livestock inventory and sales, and crop acreages and quantities (sections 1 to 21 of the census report form). Variability in the 100-percent items is due to the variation associated with nonresponse imputation and response error. Estimation of this variation results in a standard error of an estimate originating in the selection of the sample of small nonrespondents at the State level. Sample items were items asked of approximately 1 in 4 farm operators and include value of land and building, value of farm machinery, energy expenses, and selected farm production expenses, such as hired farm labor and interest expense (sections 22 to 28 of the census report form). Variability in estimates of sample items is the effect of the sample selection and estimation procedure and all the factors affecting the variability of 100-percent items.

In the 1982 Census of Agriculture, the sample used is one of a large number of all possible samples of the same size that could have been selected using the same sample design. Esti-

mates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible samples is called the sampling deviation. The standard or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error of estimate (percent) is defined as the standard error of the estimate divided by the value being estimated.

As calculated for this report, the standard error of the estimate (percent) partially measures the effect of certain nonsampling errors but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples, between the estimate and the desired value. The accuracy of a survey result depends on both the sampling and nonsampling errors measured by the relative standard error of the estimate (percent) and the bias and other types of nonsampling error not measured.

If all possible samples were selected, each of those surveyed under essentially the same conditions, and an estimate and its estimated standard error were calculated from each sample then:

a. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.

b. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples.

To illustrate the computations involved in the above confidence statements as related to average value of land and building estimates, assume that an estimate of a average value of land and buildings published for a particular county is $276,741 and the relative standard error of the estimate (percent) for this estimate, as given in table D, is 2.8 percent, or 0.028. Multiplying $276,741 by 0.028 yields $7,749. Therefore, a 67-percent confidence interval is $268,992 to $284,490 (i.e., $276,741 plus or minus $7,749). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 95-percent confidence interval is $261,243 to $292,239 (i.e., $276,741 plus or minus 2 x $7,749).

Tables B and C present the reliability of the estimates of the number of farms reporting a 100-percent or sample item at the county level. Both tables contain relative standard errors of estimate (percent) which were weighted over all counties in the State to arrive at an estimated value. In county table 12, for example, in column 2 the number of farms reporting hog and pig inventory is 13. From table B, an approximate relative standard error of estimate (percent) for the number of farms reporting hogs and pigs would be 1.6.

Table D presents State estimates of major items for all farms and for all farms with sales of $10,000 or more and measures of their reliability. The estimate and the relative standard error of the estimate (percent) is given for selected 100-percent and sample items. The relative standard error of the estimate (percent) measures the variation associated with the small whole farm nonresponse adjustment. It does not measure census variability associated with complete nonresponse among large farms, partial or item nonresponse among all farms, response error or content error. The relative standard error of estimate (percent) for sample items measures both nonsampling and sampling error. It measures the variation associated with selecting a sample to estimate sample items as well as variability associated with adjustment for small farm nonresponse. The reliability of county estimates may vary substantially from each other and will usually be larger than the State estimate.

Table E presents the estimate of reliability at the county level for four major 100-percent items and six sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are: (1) differences among counties in the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

Table B. **Estimates of Reliability of Number of Farms in a County Reporting a 100-Percent Item: 1982**

Farms	Estimated relative standard error of estimate (percent)
Number of farms reporting:	
25	1.6
50	1.4
75	1.3
100	1.2
150	1.1
200	1.1
300	1.0
500	0.9
750	0.8
1,000	0.8
1,500	0.7
2,000	0.7

Note: 100-percent items are items included in sections 1 to 21 of the report form (appendix C)

Table C. **Estimates of Reliability of Number of Farms in a County Reporting a Sample Item: 1982**

Farms	Estimated relative standard error of estimate (percent)
Number of farms reporting:	
25	57.4
50	33.1
75	23.9
100	19.0
150	13.8
200	11.0
300	7.9
500	5.3
750	3.8
1,000	3.1
1,500	2.2
2,000	1.8

Note: Sample items are items included in sections 22 to 28 of the report form (appendix C).

Table D. Estimates of Reliability of State Totals for Selected Items: 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms	number	58 661	.1	28 432	.2
Land in farms	acres	10 942 172	.1	8 714 677	.1
Value of land and buildings[1], average per farm	dollars	228 238	.7	378 401	.8
Total cropland	farms	56 321	.1	27 936	.2
	acres	8 458 021	.1	7 149 479	.1
Harvested cropland	farms	53 738	.1	27 631	.2
	acres	7 255 909	.1	6 427 512	.1
Irrigated land	farms	3 179	.1	2 455	.1
	acres	285 983	.1	281 338	.1
Market value of agricultural products sold	farms	58 661	.1	28 432	.2
	$1,000	2 588 317	.1	2 480 450	.1
Crops, including nursery and greenhouse products	farms	44 046	.1	24 375	.2
	$1,000	1 364 665	.1	1 295 967	.1
Livestock, poultry, and their products	farms	30 755	.1	16 228	.1
	$1,000	1 223 652	.1	1 184 484	.1
Poultry and poultry products	farms	3 100	.1	1 146	.2
	$1,000	101 375	-	100 485	-
Livestock and poultry inventory:					
Cattle and calves	farms	25 657	.1	13 284	.1
	number	1 345 793	.1	1 167 528	.1
Hogs and pigs	farms	7 433	.1	4 169	.1
	number	1 064 073	.1	1 007 780	.1
Hens and pullets of laying age	farms	5 710	.1	1 732	.2
	number	6 604 657	.1	6 462 136	.1
Livestock and poultry sales:					
Cattle and calves	farms	22 849	.1	13 056	.1
	number	642 060	.1	573 868	.1
Hogs and pigs	farms	7 194	.1	4 306	.1
	number	1 734 236	.1	1 666 958	.1
Broilers and other meat-type chickens	farms	636	.2	194	.4
	number	601 403	.1	563 215	.1
Crops:					
Corn for grain or seed	farms	30 792	.1	20 242	.2
	acres	2 568 541	.1	2 386 819	.1
	bushels	256 473 754	.1	243 114 391	.1
Wheat for grain	farms	15 416	.1	11 150	.1
	acres	513 445	.1	453 529	.1
	bushels	20 764 229	.1	18 786 515	.1
Sorghum for grain or seed	farms	30	.7	25	.8
	acres	(D)	.5	788	.5
	bushels	48 789	.8	46 674	.9
Soybeans for beans	farms	14 905	.2	9 972	.2
	acres	1 122 617	.2	1 001 445	.2
	bushels	34 307 197	.2	31 395 387	.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	28 522	.1	14 091	.1
	acres	1 365 495	.1	1 037 167	.1
Vegetables harvested for sale (see text)	farms	3 634	.2	2 102	.2
	acres	126 248	.1	118 910	.1
Land in orchards	farms	4 280	.2	2 093	.2
	acres	165 238	.2	148 000	.2
Selected farm production expenses[1]:					
Livestock and poultry purchased	farms	16 849	1.5	8 438	2.0
	$1,000	170 034	1.4	160 392	1.4
Feed for livestock and poultry	farms	27 182	1.0	13 989	1.3
	$1,000	254 964	1.0	241 267	1.1
Seeds, bulbs, plants, and trees	farms	41 846	.6	25 256	.6
	$1,000	105 161	.7	98 424	.7
Commercial fertilizer	farms	43 009	.6	25 312	.6
	$1,000	242 091	.7	228 331	.7
Other agricultural chemicals	farms	37 506	.7	24 105	.7
	$1,000	114 159	.8	108 087	.8
Hired farm labor	farms	21 564	1.2	14 848	1.2
	$1,000	186 312	.8	179 495	.8
Energy and petroleum products	farms	58 436	.3	28 396	.4
	$1,000	228 553	.5	207 035	.6
Interest expense	farms	27 193	1.0	18 666	1.0
	$1,000	273 637	.9	255 570	.9
Estimated market value of all machinery and equipment on place[1]	farms	58 549	.3	28 399	.4
	$1,000	2 676 343	.7	2 180 792	.8

[1]Data are based on a sample of farms.

Table E. Estimates of Reliability for County Totals for Selected Items: 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm[1]		Harvested cropland		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Alcona	295	1.7	53 183	1.4	117 159	10.9	19 700	1.8	4 838	2.1
Alger	76	3.4	17 700	2.4	123 053	.6	6 469	3.2	1 876	4.0
Allegan	1 831	.7	266 977	.5	191 761	2.6	185 981	.5	123 047	.4
Alpena	442	1.4	80 773	1.0	125 059	4.9	34 934	1.2	9 269	1.3
Antrim	279	1.7	63 157	1.0	194 405	6.1	28 831	.8	11 422	1.0
Arenac	377	1.6	90 497	.9	245 541	5.0	58 698	1.1	15 996	1.3
Baraga	74	2.9	16 827	1.1	89 027	.5	4 807	1.2	930	.7
Barry	1 061	.9	188 096	.6	155 266	3.9	110 001	.7	38 185	.6
Bay	1 072	.9	180 152	.7	336 182	9.9	151 933	.7	43 616	.8
Benzie	184	1.8	26 120	1.4	154 750	6.0	8 290	1.7	3 951	2.5
Berrien	1 777	.9	189 912	.7	156 068	2.9	130 186	.8	66 324	.6
Branch	1 170	1.3	243 076	.9	204 686	3.4	167 060	.9	50 461	.8
Calhoun	1 281	1.1	266 680	.7	200 959	4.0	177 204	.8	54 819	.7
Cass	1 022	1.0	198 663	.7	239 684	2.7	129 918	.7	55 376	.7
Charlevoix	256	1.9	47 049	1.5	170 008	11.9	19 171	2.5	4 480	1.8
Cheboygan	197	2.0	46 088	1.9	107 949	7.7	16 208	1.6	4 163	1.4
Chippewa	378	1.2	99 182	.8	112 283	10.7	45 462	1.0	7 222	1.0
Clare	317	1.5	76 351	1.3	183 722	10.7	33 519	1.4	10 234	2.0
Clinton	1 518	1.1	266 736	.8	210 452	3.0	200 167	.9	64 956	.7
Crawford	18	5.1	1 604	1.0	102 833	.7	(D)	3.4	58	1.5
Delta	315	1.8	81 335	1.4	124 870	7.5	26 949	1.4	7 736	1.4
Dickinson	123	2.4	32 576	1.3	147 081	6.5	12 180	1.7	4 070	2.1
Eaton	1 372	1.1	244 551	.8	217 948	4.2	166 593	.8	44 010	.9
Emmet	253	1.7	47 865	1.3	157 158	12.5	16 173	1.7	4 143	3.0
Genesee	990	1.0	160 825	.6	216 244	3.1	117 923	.7	34 741	.8
Gladwin	433	1.6	74 013	1.4	140 991	7.9	38 787	1.5	7 711	2.3
Gogebic	82	2.9	10 889	1.7	65 012	.4	(D)	2.5	1 024	2.2
Grand Traverse	462	1.3	74 148	1.2	233 675	3.9	39 072	1.4	13 234	1.1
Gratiot	1 215	1.2	288 828	.9	362 160	4.1	236 505	.9	69 887	.9
Hillsdale	1 354	1.2	264 630	.9	241 991	10.3	186 636	.9	59 715	.7
Houghton	195	1.8	35 538	1.2	89 210	13.4	10 021	1.8	2 542	1.3
Huron	1 655	1.3	434 975	.8	424 587	2.5	358 724	.8	140 542	.6
Ingham	1 105	1.0	222 742	.6	262 235	3.3	160 037	.6	56 408	.6
Ionia	1 187	1.1	242 776	.7	201 496	2.7	173 200	.7	63 095	.6
Iosco	244	1.8	57 463	1.0	175 029	4.7	25 756	1.4	7 329	1.3
Iron	98	2.4	29 025	1.5	137 653	.3	8 551	2.9	1 877	.9
Isabella	1 016	1.3	200 872	1.0	192 317	3.3	138 700	1.0	41 234	1.0
Jackson	1 242	1.0	235 184	.6	196 427	2.4	147 343	.7	45 911	.6
Kalamazoo	961	1.0	177 191	.7	243 226	2.9	119 609	.8	53 123	.5
Kalkaska	91	3.2	17 685	2.3	152 626	.6	8 143	2.4	2 668	2.4
Kent	1 524	.8	223 215	.6	208 033	3.5	146 441	.6	78 157	.5
Keweenaw	4	-	390	-	66 500	-	(D)	-	2	-
Lake	123	2.5	21 883	1.7	104 268	6.6	7 529	1.7	1 582	2.1
Lapeer	1 361	1.0	225 945	.8	218 672	5.5	147 303	.8	52 790	.7
Leelanau	429	1.1	72 455	.6	265 869	12.0	31 464	.7	16 040	.6
Lenawee	1 619	.8	376 296	.6	343 484	3.7	310 907	.5	88 835	.6
Livingston	884	1.1	137 918	.9	205 606	3.6	85 977	.8	32 951	.8
Luce	30	5.9	10 813	4.5	162 400	.7	3 543	6.0	679	6.9
Mackinac	96	2.6	31 120	1.2	127 167	.6	12 218	2.2	2 870	2.4
Macomb	819	1.2	91 222	1.0	222 825	9.6	68 048	1.1	34 026	.7
Manistee	304	1.6	49 377	1.2	135 592	8.1	18 837	1.3	8 960	1.0
Marquette	125	2.5	29 645	1.8	104 320	4.6	6 022	1.6	1 540	2.5
Mason	492	1.4	85 809	1.0	170 415	5.1	49 740	1.0	18 064	1.1
Mecosta	684	1.2	136 384	.9	152 830	6.0	68 214	1.1	22 586	.9
Menominee	458	1.4	138 157	.8	147 013	6.8	54 544	.8	17 372	.9
Midland	502	1.5	93 299	.8	268 655	5.8	67 264	.9	18 184	.9
Missaukee	343	1.3	93 925	.9	243 939	7.4	53 047	.8	23 151	1.0
Monroe	1 458	.9	241 736	.6	293 853	3.8	208 633	.6	62 064	.6
Montcalm	1 132	1.1	240 591	.8	176 041	3.2	160 632	.8	56 282	.8
Montmorency	106	2.2	24 401	2.7	184 425	7.4	10 970	1.4	2 748	1.1
Muskegon	481	1.3	85 256	.8	210 225	4.8	50 494	.9	26 978	1.0
Newaygo	784	1.0	128 523	.8	175 704	4.2	69 862	.7	33 369	.6
Oakland	688	1.2	69 053	1.2	257 980	9.6	36 995	.9	18 523	.9
Oceana	735	1.1	130 279	.8	190 718	6.4	63 361	.7	29 930	.6
Ogemaw	308	1.6	67 380	1.2	167 640	13.8	35 146	1.0	9 538	1.7
Ontonagon	145	2.0	38 665	.9	121 766	8.2	11 399	1.4	1 852	2.1
Osceola	549	1.3	117 686	.8	132 991	6.2	53 035	.8	17 951	.8
Oscoda	86	2.7	16 856	2.0	133 395	.5	6 723	2.5	2 259	2.5
Otsego	142	2.3	41 510	1.5	165 197	5.4	12 153	2.4	2 754	2.9
Ottawa	1 573	.8	183 159	.6	201 530	2.5	123 172	.6	138 216	.4
Presqua Isle	335	1.9	88 025	1.3	185 764	9.6	38 011	1.6	10 007	1.4
Roscommon	37	2.4	5 391	5.5	99 514	.2	(D)	5.5	236	7.7
Saginaw	1 702	.8	322 729	.6	316 116	2.5	273 534	.6	68 323	.6
St. Clair	1 302	1.1	205 706	1.0	177 611	3.5	143 393	1.1	37 320	.9
St. Joseph	1 033	1.1	220 737	.8	277 468	3.0	161 056	.8	51 997	.7
Sanilac	1 846	1.0	444 294	.7	267 091	2.4	345 800	.6	101 459	.7
Schoolcraft	56	4.5	14 494	3.3	109 554	.7	5 213	4.9	703	5.8
Shiawassee	1 386	1.1	244 318	1.0	211 097	4.4	182 595	1.0	43 046	.8
Tuscola	1 483	.9	343 675	.5	394 568	2.4	281 916	.5	84 360	.5
Van Buren	1 464	.9	197 055	.5	188 906	5.2	120 184	.6	69 280	.4
Washtenaw	1 347	.9	223 673	.6	272 377	4.3	161 359	.7	51 770	.5
Wayne	439	1.5	37 326	1.8	235 499	14.1	27 085	1.8	13 172	1.1
Wexford	229	1.7	39 867	1.4	129 852	14.4	17 301	1.4	4 165	2.1

See footnotes at end of table.

Table E. Estimates of Reliability for County Totals for Selected Items: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected farm production expenses[1]								Estimated market value of all machinery and equipment[1]	
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Energy and petroleum products			
	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Alcona	861	42.3	254	35.3	273	22.1	460	17.0	7 906	17.6
Alger	70	1.2	51	1.5	117	1.2	182	.7	1 988	.8
Allegan	11 416	5.1	7 788	3.7	10 272	2.9	8 873	1.8	80 460	3.0
Alpena	408	11.8	626	10.4	663	9.1	1 043	6.3	13 251	6.6
Antrim	1 132	33.2	928	3.6	1 028	5.3	1 025	4.3	11 477	8.3
Arenac	566	12.5	2 038	4.8	824	8.4	1 498	4.5	21 820	6.7
Baraga	81	1.2	30	–	75	.1	99	.2	1 575	.4
Barry	1 842	10.4	3 177	8.3	1 862	4.2	3 695	5.3	39 355	7.7
Bay	224	25.7	8 247	6.2	2 544	5.0	4 618	3.3	70 588	5.8
Benzie	202	7.6	250	7.9	504	8.8	351	6.2	5 162	8.0
Berrien	1 808	13.2	4 515	2.9	12 259	5.0	5 462	3.9	65 875	4.8
Branch	6 297	4.3	5 212	3.6	1 945	8.4	4 418	5.1	53 821	4.9
Calhoun	4 154	13.1	6 004	3.9	3 811	4.0	5 520	3.1	57 133	4.2
Cass	2 352	14.8	4 208	3.2	2 551	5.1	3 857	3.3	43 133	4.2
Charlevoix	346	32.7	418	19.7	249	16.5	565	11.3	7 738	11.4
Cheboygan	323	41.8	200	6.5	322	4.9	430	4.0	4 210	9.8
Chippewa	453	15.7	369	40.1	601	31.5	908	11.0	11 963	9.2
Clare	1 003	12.8	728	17.4	564	9.5	947	7.8	13 208	13.5
Clinton	2 713	6.2	6 132	4.2	2 904	3.1	5 686	2.8	66 640	3.4
Crawford	7	–	5	–	2	–	(D)	.3	257	.2
Delta	196	48.0	469	13.6	442	17.6	839	8.0	11 638	10.0
Dickinson	123	27.9	309	7.6	420	7.6	405	6.1	6 411	8.6
Eaton	1 864	7.2	5 472	3.7	1 708	5.2	4 568	2.8	60 648	4.8
Emmet	99	42.5	254	17.9	224	28.3	478	12.1	7 196	13.6
Genesee	4 019	8.2	4 040	5.4	1 989	6.2	3 515	5.4	45 577	8.1
Gladwin	713	20.3	853	11.4	398	17.7	1 002	7.4	10 978	7.2
Gogebic	95	.1	(D)	.4	77	.3	93	.5	1 674	.5
Grand Traverse	998	34.8	948	6.8	1 607	7.7	1 238	5.8	22 897	8.5
Gratiot	5 084	11.6	7 826	3.6	2 225	5.2	6 252	3.8	75 882	4.6
Hillsdale	5 609	6.8	6 087	5.5	2 119	5.5	4 973	3.4	59 167	5.4
Houghton	161	60.4	148	22.3	142	18.0	330	14.9	4 677	39.7
Huron	20 637	2.5	16 646	3.3	5 402	3.3	10 782	2.2	122 899	4.0
Ingham	2 133	4.1	5 479	3.9	3 254	2.9	4 561	2.4	50 591	4.5
Ionia	3 407	12.0	5 943	3.1	3 905	7.9	5 287	2.5	57 918	4.2
Iosco	995	5.2	681	19.5	618	12.6	704	9.3	11 664	13.3
Iron	67	1.2	146	–	278	–	278	.2	2 707	.6
Isabella	4 116	11.9	3 987	5.1	1 884	11.4	3 746	5.0	43 032	4.9
Jackson	4 982	7.4	5 252	3.9	2 777	3.7	4 268	2.4	48 832	4.4
Kalamazoo	3 681	5.0	4 111	5.6	4 626	2.7	4 693	2.3	37 663	3.7
Kalkaska	39	.6	285	.4	229	.2	328	.5	3 446	.4
Kent	3 237	6.9	4 501	4.0	10 072	3.0	6 770	1.7	62 839	4.2
Keweenaw	–	–	(D)	–	–	–	(D)	–	19	–
Lake	41	17.4	79	10.1	54	8.4	181	5.9	2 558	11.0
Lapeer	4 407	5.1	5 045	4.2	5 060	3.9	4 979	3.6	58 762	4.4
Leelanau	1 074	11.8	1 103	15.1	2 849	16.8	1 678	8.5	21 359	9.8
Lenawee	5 936	3.0	11 852	2.6	3 831	6.4	7 130	2.6	85 623	3.2
Livingston	3 256	14.0	2 636	7.4	2 825	4.8	2 926	3.1	34 826	7.9
Luce	176	2.1	34	.3	15	.9	87	.3	865	1.3
Mackinac	85	.1	98	.4	158	.4	254	.6	3 265	.7
Macomb	1 726	6.2	2 093	8.4	3 703	3.7	3 550	2.7	32 178	6.5
Manistee	293	25.3	564	23.6	1 575	7.4	837	8.7	9 547	10.8
Marquette	25	25.5	87	7.2	126	9.5	238	11.8	2 941	7.6
Mason	1 295	10.4	1 197	7.1	1 546	11.0	1 579	5.2	18 602	5.0
Mecosta	2 810	3.4	1 369	6.4	1 096	6.5	2 081	3.7	25 916	7.6
Menominee	593	22.6	1 098	5.4	1 209	10.4	1 595	8.9	21 913	7.9
Midland	3 164	2.8	2 189	9.0	516	9.2	1 572	5.0	24 884	7.3
Missaukee	1 375	7.1	1 357	7.9	1 263	9.5	1 710	6.5	20 712	7.1
Monroe	3 805	6.7	7 315	5.3	4 119	6.8	5 825	3.6	74 816	5.4
Montcalm	1 035	13.3	5 521	4.2	3 492	3.0	5 221	2.5	57 018	3.8
Montmorency	148	22.7	181	8.5	163	18.4	350	9.4	5 283	8.7
Muskegon	977	5.5	1 571	2.8	3 130	5.5	1 970	4.5	19 110	7.0
Newaygo	1 649	25.3	1 997	5.2	2 963	4.7	2 708	3.2	29 425	7.2
Oakland	726	17.9	674	11.9	2 752	2.8	1 797	5.3	16 034	8.6
Oceana	1 323	5.5	1 824	6.6	4 077	4.5	2 419	4.2	29 527	4.6
Ogemaw	468	27.3	641	4.2	444	7.9	1 034	7.4	12 724	6.8
Ontonagon	63	14.4	34	13.7	68	12.2	223	12.1	3 214	8.2
Osceola	619	11.2	711	5.7	1 147	9.8	1 415	4.8	18 787	8.2
Oscoda	155	1.4	125	.8	169	1.1	183	.7	2 704	.7
Otsego	378	18.5	175	11.1	152	31.8	355	8.6	4 496	7.8
Ottawa	11 349	5.2	4 971	4.5	17 031	1.5	8 098	2.1	71 313	4.1
Presque Isle	347	54.1	948	9.6	825	6.6	1 156	9.4	13 079	11.1
Roscommon	8	.5	19	.1	18	.2	40	.2	772	.1
Saginaw	2 255	15.2	9 861	2.8	3 160	4.8	6 450	3.0	94 388	4.1
St. Clair	1 727	7.4	3 667	5.8	2 411	5.9	3 755	4.1	56 520	5.7
St. Joseph	3 006	15.3	6 200	2.8	2 423	4.1	4 650	2.8	51 721	4.0
Sanilac	4 068	6.7	12 231	2.6	5 215	3.9	9 577	2.2	114 449	4.4
Schoolcraft	60	1.6	61	.8	30	.5	89	.8	1 249	.6
Shiawassee	2 130	34.1	4 780	4.3	1 974	5.1	4 907	4.7	64 588	4.3
Tuscola	2 011	4.7	11 844	1.9	3 596	2.9	7 465	1.9	98 168	3.5
Van Buren	2 787	11.3	4 733	6.0	8 216	3.9	5 210	3.8	57 937	3.6
Washtenaw	4 028	15.3	5 364	5.2	3 041	5.5	5 511	4.3	68 303	6.2
Wayne	62	49.7	1 021	31.9	1 937	21.5	2 577	16.4	15 860	15.2
Wexford	79	19.3	187	11.6	166	19.1	415	18.2	4 994	8.6

[1]Data are based on a sample of farms.

APPENDIX B.
Effect of the Area Sample on Census Comparability

The 1982 and 1978 Censuses were conducted primarily by mail. Despite every effort to assemble a complete list, a small portion of the Nation's farms were not included on the census mail list. To improve the coverage of the 1978 Census, especially in counting the number of small farms, the mail-out/mail-back enumeration was supplemented by the direct enumeration of all households in a sample of areas in all States, except Alaska and Hawaii. Due to budget reductions, the direct enumeration sample was eliminated in the 1982 Census.

In late 1978, enumerators visited all households in approximately 6,400 segments in rural areas (areas with less than 2,500 population) and completed a census form for each agricultural operation. These forms were then matched to the census mail list. Data from those cases which were not matched to the mail list were used to estimate the number and characteristics of farms not on the mail list at the State, regional, and national levels. No county-level estimates were developed because the area sample size was insufficient for reliable estimates at that level.

The U.S., region, and State data for 1978 shown in the 1978 Census of Agriculture publications included data for farms represented on the mail list plus estimates from the area sample for farms not on the mail list. To provide comparable data for 1982 and 1978, estimates from the area sample have been subtracted from the 1978 data. Thus, all 1978 data presented in the 1982 Census of Agriculture publications include data only for farms on the 1978 mail list.

In 1978, the area sample farms accounted for 9 percent of all farms in the United States, but only 1 percent of the total value of agricultural products sold and 1 percent of the land in farms. The area sample farms represented 25 percent of all farms with sales of less than $2,500. The contribution of the area sample farms to the total farm count varied widely by State, from a low of 2.0 percent in North Dakota to a high of 23.8 percent in New Hampshire.

The following table shows the 1982 results and adjusted 1978 data for farms on the mail list, as well as 1978 data which include estimates for farms not on the mail list.

Effect of 1978 Area Sample on Census Comparability: 1982 and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	Data published in 1982 Census of Agriculture		Data published in 1978 Census of Agriculture		Percent of 1978 total represented by area sample portion
	1982	1978 adjusted[1]	1978 total[2]	Portion of total from 1978 area sample[3]	
Farms—number	58 661	60 426	68 237	7 811	11.4
Land in farms—acres	10 942 172	11 038 419	11 448 182	409 763	3.6
Value of land and buildings[4], average per farm—dollars	228 238	175 171	163 311	71 565	(X)
Total cropland—farms	56 321	59 080	66 105	7 025	10.6
acres	8 458 021	8 382 317	8 664 886	282 569	3.3
Harvested cropland—farms	53 738	57 294	62 951	5 657	9.0
acres	7 255 909	6 774 229	6 953 675	179 446	2.6
Irrigated land—farms	3 179	3 157	3 192	35	1.1
acres	285 983	225 928	226 208	280	.1
Farms by size:					
1 to 9 acres	2 714	1 972	3 581	1 609	44.9
10 to 49 acres	14 300	12 627	16 614	3 987	24.0
50 to 69 acres	4 388	4 653	4 935	282	5.7
70 to 99 acres	7 712	8 917	9 737	820	8.4
100 to 139 acres	6 398	7 351	7 890	539	6.8
140 to 179 acres	4 838	5 558	5 617	59	1.1
180 to 219 acres	3 508	3 821	3 975	154	3.9
220 to 259 acres	2 671	3 007	3 127	120	3.8
260 to 499 acres	7 360	8 207	8 388	181	2.2
500 to 999 acres	3 672	3 451	3 511	60	1.7
1,000 to 1,999 acres	924	747	747	-	-
2,000 acres or more	176	115	115	-	-
Market value of agricultural products sold—$1,000	2 588 317	1 914 314	1 941 095	26 781	1.4
Crops, including nursery and greenhouse products—$1,000	1 364 665	997 743	1 013 585	15 841	1.6
Livestock, poultry, and their products—$1,000	1 223 652	916 571	927 510	10 939	1.2
Farms by value of sales:					
Less than $2,500	13 718	14 282	20 415	6 133	30.0
$2,500 to $4,999	7 751	9 125	9 963	838	8.4
$5,000 to $9,999	8 741	9 652	9 913	261	2.6
$10,000 to $19,999	8 043	8 486	8 699	213	2.4
$20,000 to $39,999	6 536	6 936	7 114	178	2.5
$40,000 to $99,999	7 233	7 617	7 805	188	2.4
$100,000 to $249,999[5]	4 706	3 332	3 332	-	-
$250,000 to $499,999[5]	1 434	712	712	-	-
$500,000 or more	480	258	258	-	-
Abnormal farms	19	26	26	-	-

See footnotes at end of table.

Effect of 1978 Area Sample on Census Comparability: 1982 and 1978—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Data published in 1982 Census of Agriculture		Data published in 1978 Census of Agriculture		Percent of 1978 total represented by area sample portion
	1982	1978 adjusted[1]	1978 total[2]	Portion of total from 1978 area sample[3]	
Farms by type of organization:					
Individual or family	52 022	53 931	61 399	7 468	12.2
Partnership	5 495	5 635	5 890	255	4.3
Corporation	947	699	787	88	11.2
Other—cooperative, estate or trust, institutional, etc.	197	161	161	-	-
Tenure of operator:					
Full owners	35 489	37 025	43 167	6 142	14.2
Part owners	19 523	19 570	20 626	1 056	5.1
Tenants	3 649	3 831	4 444	613	13.8
Operators by principal occupation:					
Farming	30 107	29 296	30 923	1 627	5.3
Other than farming	28 554	31 130	37 314	6 184	16.6
Female operators:					
Farms (number)	2 467	2 245	2 636	391	14.8
Land in farms (acres)	254 549	252 980	261 256	8 276	3.2
Operators by race:					
White	58 353	60 105	67 798	7 693	11.3
Black and other races	308	321	439	118	26.9
Corn for grain or seed (farms)	30 792	33 676	35 407	1 731	4.9
Corn for grain or seed (acres)	2 568 541	2 337 985	2 385 858	47 873	2.0
Wheat for grain (farms)	15 416	13 966	14 383	417	2.9
Wheat for grain (acres)	513 445	370 398	382 166	11 768	3.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (farms)	28 522	32 863	36 136	3 273	9.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (acres)	1 365 495	1 561 452	1 633 568	72 116	4.4
Vegetables harvested for sale (farms)	3 634	3 793	4 165	372	8.9
Vegetables harvested for sale (acres)	126 248	119 287	122 307	3 020	2.5
Land in orchards (farms)	4 280	4 722	5 299	577	10.9
Land in orchards (acres)	165 238	169 413	170 650	1 237	.7
Cattle and calves inventory (farms)	25 657	25 293	28 406	3 113	11.0
Cattle and calves inventory (number)	1 345 793	1 248 623	1 276 204	27 581	2.2
Hogs and pigs inventory (farms)	7 433	8 572	10 907	2 335	21.4
Hogs and pigs inventory (number)	1 064 073	931 240	958 231	26 991	2.8
Chickens 3 months old or older inventory (farms)	5 788	6 146	8 118	1 972	24.3
Chickens 3 months old or older inventory (number)	7 572 108	7 011 188	7 089 968	78 780	1.1
Estimated market value of all machinery and equipment[4] ($1,000)	2 676 343	1 988 471	2 072 471	84 000	4.1
Energy and petroleum products[4] ($1,000)	228 553	128 428	131 249	2 821	2.1
Hired farm labor, workers working 150 days or more[4] (farms)	7 447	6 967	7 002	35	.5
Hired farm labor, workers working 150 days or more[4] (number)	20 255	18 391	18 426	35	.2

[1]Includes data only for farms on 1978 mail list—excludes area sample data.
[2]Includes mail list enumeration and area sample data.
[3]Data from farms not on mail list.
[4]Data are based on a sample of farms.
[5]Retabulated 1978 data for 1982 comparability.

APPENDIX C.

Report Form and Information Sheet

DUE BY FEBRUARY 15, 1983

O M B APPROVAL NO 0607 0408 EXPIRES 12/84

FORM 82-A0303
12 12 82

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICENSUS '82

UNITED STATES CENSUS OF AGRICULTURE

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47133

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 15, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report: A [ ] – [ ] A [ ] – [ ]

CENSUS USE ONLY: 035 | 036 | 037 | 038 / 039 | 040 | 041 | 042

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

82-A0303

(Please correct errors in name, address, and ZIP code.)

SECTION 1 ACREAGE IN 1982

If the acres you operated in 1982 changed during the year, refer to the INFORMATION SHEET, Section 1.

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	☐	045
4. **ACRES IN THIS PLACE** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

For this census report these are the "ACRES IN THIS PLACE."
If the entry is zero please refer to the INFORMATION SHEET, Section 1.

5. If you rented land FROM OTHERS (item 2) enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP code)	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP code)	Number of acres

List additional renters on a separate sheet of paper

a. Of the land you rented or leased to others, how many acres did you own? — None ☐ — 063 _____ Acres

7. During 1982, did you have any Federal or state grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.? — 054 — 1 ☐ Yes 2 ☐ No

8. How many acres were diverted (or set-aside) under Federal commodity acreage reduction programs in 1982? — None ☐ — 055 _____ Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

	County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced? — Principal county →			056
b. If you also have agricultural operations in any other county(ies), enter the county name(s), etc. — Other counties			057
			058
			059

PENALTY FOR FAILURE TO REPORT

***INSTRUCTIONS* — Please report your crops in the appropriate section. Use section 7 to report ONLY those crops NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.**

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1982?

S2

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed (Report quantity on a dry shelled-weight basis)	☐	067	068 Bu	069
2. Corn (field) for silage or green chop	☐	070	071 Tons, green	072
3. Wheat for grain (including durum)	☐	073	074 Bu	075
4. Oats for grain	☐	076	077 Bu	078
5. Barley for grain	☐	079	080 Bu	081
6. Rye for grain	☐	686	687 Bu	688
7. Soybeans for beans	☐	088	089 Bu	090
8. Beans, dry edible	☐	554	555 Cwt	556
9. Sunflower seed	☐	734	735 Lbs	736
10. Flaxseed	☐	605	606 Bu	607
11. Sugar beets for sugar	☐	719	720 Tons	721
12. Tobacco — all types	☐	094 /10	095 Lbs	096 /10
13. Potatoes, Irish	☐	097 /10	098 Cwt	099 /10

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1982?

Include sorghum-sudan crosses and hay cut from pastures.

S3

1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 4*

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
1. **DRY HAY** (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay, clover, lespedeza, timothy, bromegrass, Suden grass, millet, etc.	109	110 Tons dry	111
d. Wild hay	112	113 Tons, dry	114
2. **GRASS SILAGE, HAYLAGE, AND GREEN CHOP (hay crops cut and fed green)** (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)	115	116 Tons green	117

3. **HAY SOLD** — Did you sell any hay or grass silage in 1982? (Report value of hay sold in section 9, item 4) — 118 — 1 ☐ Yes 2 ☐ No

SECTION 4 — Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1982? (Exclude those grown for home use.)

S4
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 5*

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1982	375	/10	378	/10

2. From the list below, enter the crop name and code for each crop harvested in 1982. *If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.*

Crop name	Code	Acres harvested		Acres irrigated	
		Whole acres	Tenths	Whole acres	Tenths
Snap beans (bush and pole)	381		/10	382	/10
Peas, green	441		/10	442	/10
Sweet corn	461		/10	462	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

If more space is needed, use separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Cucumbers and pickles	411	Pumpkins	449
Beets	383	Eggplant	416	Radishes	481
Broccoli	386	Honeydew melons	423	Rhubarb	463
Cabbage, head	391	Lettuce and romaine	427	Spinach	467
Cantaloups and muskmelons	395	Lima beans, green	429	Squash	469
Carrots	397	Mustard greens	431	Tomatoes	483
Cauliflower	399	Onions, dry	433	Turnips	486
Celery	401	Onions, green	436	Turnip greens	487
Collards	407	Peppers, sweet	443	Watermelons	473
		Peppers, hot	446	Other vegetables — *Specify*	476

SECTION 5 — Were any NURSERY and GREENHOUSE PRODUCTS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on this place in 1982?

S5
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 6*

	None	Area irrigated		
		Square feet	Acres	Tenths
1. Nursery and greenhouse products irrigated in 1982	☐	477	478	/10

2. From the list below, enter the product name and code for each product grown.

Product name	Code	Square feet under glass or other protection in 1982	Acres in the open in 1982		Sales in 1982	
			Whole acres	Tenths	Dollars	Cents
			1	/10	2 $	
			1	/10	2 $	
			1	/10	2 $	

If more space is needed, use separate sheet of paper.

Product name	Code	Product name	Code
Bedding plants (include vegetable plants)	479	Mushrooms	494
Bulbs	482	Sod harvested	497
Cut flowers and cut florist greens	485	Vegetable and flower seeds	500
Nursery products — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
Foliage and flowering plants	491	Other — *Specify*	506

SECTION 6 — Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1982? (Exclude those grown for home use.)

S6
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 7*

From the list below, enter crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
Strawberries	636		/10	637 Lbs	638	/10
			/10	1	2	/10
			/10	1	2	/10

If more space is needed, use separate sheet of paper.

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	606	Raspberries (pounds)	633
Blueberries, tame (pounds)	612	All other berries (pounds) — *Specify*	639
Cranberries (100-lb. barrels)	621		

SECTION 7 — Were any OTHER CROPS harvested from this place in 1982 — small grains, field seeds, sorghums, mint, or other crops not previously reported? (Report fruit in section 8.)

S7
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 8*

For those crops not listed enter the crop name and code from the list below. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Kentucky bluegrass seed	629		630 Lbs	631
Red clover seed	671		672 Lbs	673
Timothy seed	748		747 Lbs	748
Mint for oil	644		845 Lbs. of oil	648
Sorghum for grain or seed *(Exclude sorghum-sudan crosses)*	082		083 Bu	084
Sorghum for silage or green chop	086		088 Tons, green	087
			1	2
			1	2
			1	2

If more space is needed, use separate sheet of paper

Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	642	Dry edible peas (hundredweight)	859
Birdsfoot trefoil seed (pounds)	666	Popcorn (pounds, shelled)	882
Buckwheat (bushels)	676	Proso millet (bushels)	885
Corn cut for dry fodder, hogged or grazed (report acres only)	681	Rapeseed (pounds)	888
Emmer and spelt (bushels)	695	Ryegrass seed (pounds)	889
Herbs, including ginseng (pounds)	820	Sweetclover seed (pounds)	737
Mixed grains (bushels)	814	Triticale (bushels)	745
Mustard seed (pounds)	650	Wild rice (pounds)	764
		Other crops (pounds) — *Specify*	752

SECTION 8 — Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES ON THIS PLACE in 1982?

S8
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 9*

	Total acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. (Do not include abandoned acres.)	121	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1982. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF — Nonbearing age	NUMBER OF TREES OR VINES OF — Bearing age	Acres in trees and vines of all ages — Whole acres	Acres in trees and vines of all ages — Tenths	Quantity harvested	Unit of measure (Mark one) — Lbs	Tons	Boxes	Lbs. per box
Apples	123		124	125	/10	126	127 1☐	2☐	3☐	128
Cherries	147		148	149	/10	150	151 1☐	2☐	3☐	152
Grapes	177		178	179	/10	180	181 1☐	2☐	3☐	182
Peaches	225		226	227	/10	228	229 1☐	2☐	3☐	230
			1	2	/10	3	4 1☐	2☐	3☐	5
			1	2	/10	3	4 1☐	2☐	3☐	5

If more space is needed, use separate sheet of paper

Crop name	Code
Apricots	129
Nectarines	201
Pears	231
Plums and prunes	243
Other fruit and nut trees — Specify	399

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SECTION 9 GROSS VALUE of CROPS SOLD from this place in 1982, BEFORE taxes and expenses *(Refer to the INFORMATION SHEET, Section 9.)*

S9

Report your best estimate of the value for each of the following groups of crops sold from this place in 1982. Include the value of the landlord's and/or contractor's share, estimating if necessary. Exclude value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1982		774 $	
a. Corn for grain	☐		
b. Wheat	☐	775 $	
c. Soybeans	☐	776 $	
d. Sorghum for grain	☐	777 $	
e. Oats	☐	778 $	
f. Other – barley, rye, dry edible beans, sunflower seed, flaxseed, buckwheat, etc.	☐	779 $	
2. Cotton and cottonseed	☐	780 $	
3. Tobacco	☐	781 $	
4. Hay, silage, field seeds, and grass seeds	☐	782 $	
5. Vegetables, sweet corn, and melons – *Do not include Irish potatoes and sweetpotatoes, report them in item 7 below*	☐	783 $	
6. Fruits, nuts, berries – apples, cherries, grapes, peaches, pears, plums, strawberries, blueberries, cranberries, etc.	☐	784 $	
7. Other crops – potatoes, mint for oil, sugar beets, etc. *(Exclude nursery and greenhouse products)* – Specify _____	☐	785 $	

SECTION 10 LAND USE IN 1982

NOTE: If the same land had more than one use in 1982, REPORT THAT LAND ONLY ONCE – in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

S10

	None	Number of acres
1. CROPLAND		
a. Cropland harvested – *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products*	☐	787
b. Cropland used only for pasture or grazing – *Include rotation pasture and grazing land that could have been used for crops without additional improvements*	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed *(Exception. Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
2. Woodland – *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* a. Woodland pastured	☐	794
b. Woodland not pastured	☐	795
3. Other pastureland and rangeland – *Include any pastureland other than cropland and woodland pasture*	☐	796
4. All other land – Land in house lots, ponds, roads, wasteland, etc. – *Include any land not reported in items 1 through 3 above*	☐	797
5. TOTAL ACRES – *Add the acres reported in items 1 through 4 (Should be the same as section 1, item 4, page 1.)* →		798

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1982?

Irrigated land is all land watered by any artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 12*

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 1a*	☐	680
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	681

	None	Percent
3. What percent of the irrigation water used on this place in 1982 was obtained –		
a. From a well or wells located on this farm or another farm?	☐	682 %
b. From an on-farm surface supply not controlled by a water supply organization (stream, drainage ditch, lake, pond, spring, or reservoir on or adjacent to this farm)?	☐	683 %
c. From off-farm water suppliers (U.S. Reclamation projects; irrigation district; mutual, cooperative, or neighborhood ditches; or other irrigation organizations)?	☐	684 %
d. TOTAL – Sum of a, b, and c should equal 100% →		100%

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1982?

S12

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 13*

• DECEMBER 31, 1982 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1982
1. CATTLE AND CALVES of all ages *(Total of a, b, c, and d below)*	☐	803 Total
a. BEEF COWS – *Include beef heifers that had calved*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use – *Include dry milk cows and milk heifers that had calved*	☐	805 Milk cows
c. HEIFERS AND HEIFER CALVES *(Exclude heifers that had calved)*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS, AND BULL CALVES	☐	807 Steers and bulls of all ages

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1982 *Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding*	None	Number sold in 1982	Gross value of sales Dollars	Cents
2. Calves weighing less than 500 pounds	☐	808	809 $	
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1982	None	DAIRY PRODUCTS Gross value of sales Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1982 – *Include milk, cream, butter, etc.*	☐	814 $	

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1982?

S13

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 14*

• DECEMBER 31, 1982 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1982
1. HOGS and PIGS of all ages *(Total of a and b below)*	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

• LITTERS FARROWED	None	Number of litters
2. LITTERS FARROWED on this place between –		
a. December 1, 1981 and May 31, 1982	☐	818
b. June 1, 1982 and November 30, 1982	☐	819

• HOGS AND PIGS SOLD	None	Number sold in 1982	Gross value of sales Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1982	☐	820	821 $	
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1982?

S14

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 15*

	None	INVENTORY Number on this place Dec. 31, 1982	NUMBER SOLD in 1982
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn in 1982	Pounds of wool shorn in 1982
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1982?	☐	829 $	

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SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1982?

S15 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1982	Total number sold in 1982	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831	832 $	
2. Colonies of bees	☐	839	840	841 $	
3. Mink and their pelts	☐	836	837	838 $	
4. Other livestock or animal specialties in captivity *(Enter name and code from "List A" below.)* Name _____ Code ____			1	2 $	

List A

Name	Code	Name	Code	Name	Code
Angora goats	842	Mules, burros, and donkeys	833	Worms — *Refer to information sheet.*	857
Milk goats	845	Rabbits and their pelts	851	All other livestock — *Specify*	880
Other goats	848	Chinchillas and their pelts	854		

	Total quantity sold in 1982	Gross value of sales Dollars	Cents
5. Livestock or animal products *(Enter name and code from "List B" below.)* Name _____ Code ____	1 Pounds 2 — OR — Gallons	1 3 $	

List B

Name	Code	Name	Code
Mohair sold	884	Honey sold	888
Goat milk sold	866	Other livestock products — *Specify*	870

	Water surface acres for aquaculture	Total quantity sold in 1982	Gross value of sales Dollars	Cents
6. Fish and other aquaculture products *(Enter name and code from "List C" below.)* Name _____ Code ____	10	1 Pounds 3 — OR — Number	2 $	

List C

Name	Code	Name	Code	Name	Code	Name	Code
Catfish	872	Tropical and baitfish	880	Other fish — *Specify*	884	Other aquaculture products — *Specify*	888
Trout	876						

If more space is needed, use separate sheet of paper.

SECTION 16 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1982? *(Include poultry grown for others on a contract basis.)*

S16 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1982	Total number sold in 1982
1. HENS and PULLETS of laying age	☐	892	893
2. Pullets for laying flock replacement			
a. PULLETS 3 months old or older not yet of laying age	☐	894	895
b. PULLET CHICKS and PULLETS under 3 months old *(Exclude commercial broilers)*	☐	896	897
3. BROILERS, fryers, and other meat type chickens including capons and roasters	☐	898	899
4. TURKEYS			
a. Turkeys for slaughter *(Exclude breeders)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)* Poultry name _____ Code ____			1
Poultry name _____ Code ____			1

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	908	Pheasants	910	All other poultry — *Specify*	914

	None	Number
6. POULTRY HATCHED on this place in 1982 and placed or sold — chickens, turkeys, ducks, etc. — *Specify kind of poultry* _____	☐	916
7. Incubator egg capacity on December 31, 1982	☐	917

	None	Gross value of sales Dollars	Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1982?	☐	918 $	

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SECTION 17 S17

■ **GOVERNMENT CCC LOANS**

	None	Dollars	Cents
1. Amount received in 1982 from Government CCC loans for — *(Include regular and reserve loans, even if redeemed or forfeited)*			
a. Corn, sorghum, barley, and oats	☐	799 $	
b. Wheat	☐	800 $	
c. Cotton	☐	801 $	
d. Soybeans, peanuts, rye, rice, tobacco, and honey	☐	802 $	

■ **MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES**

2. Gross amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1982 — planting, plowing, spraying, harvesting, etc.	☐	919 $	

Specify kind of work done _____

SECTION 18 During 1982 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION — roadside stands, farmers markets, pick your own, etc.?

S18 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 19*

	None	Dollars	Cents
1. What was the gross value of these direct sales?	☐	920 $	

Specify products sold — vegetables, eggs, etc _____

SECTION 19 TYPE OF ORGANIZATION

S19

Mark (X) the one item which best describes the type of organization for this place in 1982. *Refer to the INFORMATION SHEET, Section 19.*

821

- FAMILY or INDIVIDUAL operation — *(Exclude partnership and corporation)* 1 ☐
- PARTNERSHIP operation — *Include family partnerships* 2 ☐ — *Go to section 21*
- INCORPORATED UNDER STATE LAW 3 ☐ — *Go to section 20*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 4 ☐ — *Specify below then go to section 21*

Specify _____

SECTION 20 CORPORATE STRUCTURE (for incorporated operations only) *Refer to the INFORMATION SHEET, Section 20.*

S20

922

1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

SECTION 21 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) *Refer to the INFORMATION SHEET, Section 21.*

S21

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 923 1 ☐ Yes 2 ☐ No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her work time in 1982? *For partnerships consider all members of the partnership together.* 928 1 ☐ Farming 2 ☐ Other or ranching
3. OFF FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day **off** this place in 1982? *Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work)* 929
   1 ☐ None
   2 ☐ 1–49 days
   3 ☐ 50–99 days
   4 ☐ 100–149 days
   5 ☐ 150–199 days
   6 ☐ 200 days or more
4. In what year did the operator (or senior partner) begin to operate any part of this place? 080 _____ Year
5. AGE of operator (senior partner or person in charge) 926 _____ Years old
6. RACE of operator (senior partner or person in charge) 924
   1 ☐ White
   2 ☐ Negro or Black
   3 ☐ American Indian
   4 ☐ Asian or Pacific Islander
   9 ☐ Other — *Specify* _____
7. SEX of operator (senior partner or person in charge) 926 1 ☐ Male 2 ☐ Female
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 1 ☐ Yes 2 ☐ No

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(Sections 22 through 28 were collected from approximately 20 percent of the farms, see text)

SECTION 22 — Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1982?

S22

1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 23*

	None	Acres fertilized
1. Acres of cropland fertilized in 1982, other than cropland used only for pastures reported in section 10, item 1b	☐	932
2. Acres of pastureland and rangeland fertilized in 1982 reported in section 10, items 1b and 3	☐	933

	None	Dollars	Cents
3. Expenditures for commercial fertilizer purchased — all forms, including rock phosphate and gypsum (exclude lime) *Report cost of custom application in section 27, item 6*	☐	988 $	

	None	Tons of lime	Acres limed
4. LIME — tons of lime used and acres on which applied *(Do not include land plaster or gypsum or lime for sanitation)*	☐	934	935

SECTION 23 — Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1982?

S23

1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 24*

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Number of acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —		
a. **Insects** on crops, including hay	☐	936
b. **Nematodes** in crops	☐	937
c. **Diseases** in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. **Weeds, grass, or brush** in crops and pasture *Include both pre-emergence and post emergence*	☐	939
2. Chemicals for **defoliation** or for **growth control** of crops or **thinning** of fruit	☐	940

	None	Dollars	Cents
3. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, etc. *Report cost of custom applications in section 27, item 6*	☐	989 $	

SECTION 24 — Was there any INTEREST EXPENSE for the farm business in 1982? *Refer to the INFORMATION SHEET, Section 24.*

S24 941

1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 25*

	Dollars	Cents
1. How much interest was paid on all debts for the farm business in 1982?	942 $	

SECTION 25 — MACHINERY AND EQUIPMENT on this place on December 31, 1982 (Include only equipment used for agricultural operations in 1981 or 1982.)

S25

- **Value of ALL machinery and equipment on this place, December 31, 1982**

	Estimated market value	
	Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc*	943 $	

- **SELECTED machinery and equipment on this place, December 31, 1982.** ***(Report only if used in 1981 or 1982.)***

	None	Total number on this place on December 31, 1982	Of the total, HOW MANY were manufactured in the last 5 years (1978–1982)? *(Number)*
2. Automobiles	☐	944	945
3. Motortrucks — *Include pickups*	☐	946	947
4. Wheel tractors other than garden tractors and motor tillers	☐	948	949
5. Grain and bean combines, self-propelled only	☐	950	951
6. Corn heads for combines	☐	952	953
7. Cotton pickers and strippers	☐	956	957
8. Mower conditioners	☐	958	959
9. Pickup balers — *Include rectangle and round balers*	☐	960	961
10. Field forage harvesters, shear bar or flywheel type	☐	962	963

SECTION 26 — EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1982

S26

Include expenditures paid by you and others for production of crops, livestock, and other agricultural products on this place in 1982.

	None	Expenditures Dollars	Cents	Storage capacity on this place None	Capacity in gallons
1. Gasoline and gasohol for the farm business	☐	966 $		967 ☐	968
2. Diesel fuel for the farm business	☐	969 $		970 ☐	971
3. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon)	☐	972 $		973 ☐	974
4. Fuel oil and kerosene for the farm business	☐	975 $		976 ☐	977
5. Natural gas for the farm business	☐	978 $			
6. Motor oil and grease for the farm business	☐	979 $			
7. Electricity for the farm business	☐	980 $			
8. Other — coal, wood, coke, etc.	☐	981 $			

SECTION 27 — SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1982

S27

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1982. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.

	None	Selected expenditures Dollars	Cents
1. **Livestock and poultry purchased** — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	982 $	
2. **Total feed purchased for livestock and poultry** — grain, hay, silage, mixed feeds, concentrates, etc.	☐	983 $	
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. *(Exclude ingredients purchased separately, such as soybean meal, cottonseed meal, and urea)*	None ☐	Tons 984	Tenths /10 — Dollars 985 $ — Cents
3. **Seed cost** — for corn, other grains, soybeans, tobacco, cotton, etc. — *Include plants and trees purchased*	☐	987 $	
4. **Hired farm or ranch labor** *(See Information Sheet)*	☐	990 $	
a. Of the hired workers, including paid family workers, how many —	None	Number of workers	
(1) Worked 150 days or more?	☐	991	
(2) Worked less than 150 days?	☐	992	
5. **Contract labor** — *Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	993 $	
6. **Customwork, machine hire and rental of machinery and equipment** — *Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning)*	☐	994 $	

SECTION 28 — ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

S28

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.

	None	Estimated market value of land and buildings Dollars	Cents
1. All land owned	☐	996 $	
2. All land rented or leased FROM OTHERS	☐	997 $	
3. All land rented or leased TO OTHERS	☐	998 $	

SECTION 29 — PERSON COMPLETING THIS REPORT — *Please print*

Name	999 Date
Telephone →	Area code / Number

FORM B2 A030312 12-82

FORM 82-A01(II)
(2-12-82)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET
1982 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS Each case included in the census has a unique census file number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every census file number

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation Write "Duplicate" near the address label of each extra report form Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label Return the extra report(s) in the same envelope with your completed report form so that we can correct our records

3. If You No Longer Farm

If you had agricultural operations **at any time during 1982**, please report all agricultural activity during the year Report all land on your census form that you owned or rented Also, report your 1982 crop and livestock production and 1982 sales

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label and return it so that we can correct our records In our efforts to make the census as complete as possible, we obtained lists from various sources We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, that is, each individual farm, ranch, feedlot, greenhouse, etc , or combination of farms, etc , for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report.

If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate " Return the duplicate reports in the same envelope with the completed partnership report, if possible, or write a note on the duplicate report, such as, "Partner (provide name) has completed a report for the partnership (provide partnership name) "

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for " this place "

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE

How to Enter Your Response

If you do not have exact figures, give your best estimate

Enter your replies in the proper spaces, on the correct line, and in the units requested, i.e , dollars, bushels, tons, etc Write any explanation outside the answer spaces or on a separate sheet of paper

All dollar figures may be entered in whole dollars CENTS ARE NOT REQUIRED

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10

The census report form is being used throughout the entire United States Because it is meant for use in all parts of the country, it may contain sections and questions which do not apply to you When this occurs, mark the "None" or "No" box and go on to the next item or section

Instructions For Specified Sections

▶ **Section 1 — ACREAGE IN 1982**

Your answers to this section will determine the land (**"Acres In This Piece"**) referred to in the rest of the report form

When answering the acreage questions, include the land associated with your agricultural operations in 1982 whether in production or not Include all land that you owned or rented during 1982 even if only for part of the year Exclude any unrelated residential or commercial land

IF YOU QUIT FARMING DURING 1982 — Complete the report form for the portion of the year that you did farm Explain on the report form or another sheet when you stopped farming and the name and address of the person now using the land

Report all land in section 1 in whole acres

Item 1 — All Land Owned — Report all land owned in 1982 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision

INCLUDE in item 2

a. Land for agricultural use that you rented from others for cash
b. Land you worked on a share basis (crop or livestock)
c. Land owned by someone else that you used rent free
d. Federal, State, Indian Reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2

Land used on a per head or animal unit license or permit basis, such as section 3, Taylor Grazing Act, National Forest, or Indian Reservation permit land If you had any of these permits, mark "yes" to item 7

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2 A report form will be obtained from each of your tenants to cover the operations on that land

INCLUDE in item 3

a. Owned land rented to others for cash or a share of crops or livestock
b. Land you rented from someone and then subleased to someone else
c. Land worked for you by someone for a share of crops or livestock
d. Land which you allowed others to use rent free

Item 4 — Acres In This Piece — This figure will show the total of all land you operated at any time in 1982 To determine **"Acres In This Piece"** ADD the land you owned and the land you rented or leased from others, then SUBTRACT the land you rented or leased to others item 1 + item 2 item 3 item 4 It is important to report item 4 correctly (even if "0" acres) since the remainder of your report should cover only operations on the **"Acres In This Piece."**

If item 4 ("Acres In This Piece") is "0" and:

a. You raised any crops or had any livestock or poultry on this place in 1982, complete the report

b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "All land rented out," etc Mail form in return envelope

c. You did not have any agricultural activity on owned or rented land in 1982, complete section 29 and explain briefly, such as "retired " " sold farm," and date Give name and address of current operator if known and return form

Item 7 — Grazing Permits — In some states, government lands and Indian lands are used for grazing livestock under permit or special license, with payments on a per-head or animal unit basis This land should NOT be included as part of item 2, "Land rented or leased from others " or item 4 "Acres In This Place," but you should report any of your livestock located on this permit land in 1982

▶ **Sections 2 through 8 — CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1982 crop year from the land shown in section 1, item 4 (" Acres In This Place") of your report Please report your crops in the appropriate sections Do NOT include any crops grown on land rented or leased TO others, or worked by others on shares during 1982

Acres harvested — Enter the acres harvested in 1982 Round fractions to whole acres except where tenths are requested by " .10 " in the reporting box, such as for potatoes

Quantity harvested — The units of measure on the report form are those most commonly used in your state If you use a different unit of measure please convert your figure for quantity harvested to the unit requested If the harvest was incomplete by December 31, 1982, please estimate the total quantity harvested or to be harvested

Crop irrigation — For each crop irrigated, report number of acres irrigated Irrigation is defined as land watered by artificial or controlled means sprinklers, furrows or ditches, spreader dikes, purposeful flooding etc Include acres that received supplemental, partial, and preplant irrigation For any crop not irrigated, leave "Acres irrigated" blank

How to Report Crops Harvested:

▶ **Sections 2 and 3** — In these two sections, separate lines are provided for reporting each of several crops most commonly grown in your state Do not write in figures or information for any other crops in these two sections

▶ **Sections 4 through 8** — Report the information requested for any crops prelisted in the sections To report for crops not prelisted in these sections, (1) find the crop name and the code number from the list in the section, (2) enter crop name and code in the first two columns of the first available answer line in the section, (3) enter the information that is requested in the remaining columns If a crop is not listed, use the "Other" code in the appropriate section and specify the crop name

Example You harvested 20 acres of alfalfa seed, yielding 6,000 pounds, and 30 acres of red clover seed, yielding 8,400 pounds Neither crop was irrigated You would enter the following in section 7

Section 7 **Were any OTHER CROPS harvested from this place in 1982 — small grains, field seeds, or other crops not previously reported?**

5 [X] YES *Complete this section*
[ ] NO *Go to section 8*

From the list below, enter crop name and code Report quantity harvested in unit specified with crop name

Crop name	Code	Acres harvested	Quantity harvested		Acres irrigated
Alfalfa seed	542	20	6,000	Lbs	
Red clover	671	30	8,400		

Two or More Crops Harvested From the Same Land (Double-Cropping) — Report the total acres and production of each harvested crop in the appropriate section(s) of the report form

Example In 1982 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels You irrigated the soybeans but not the wheat

Correct entries	Acres harvested	Quantity harvested	Acres irrigated
Wheat	40	1,230	—
Soybeans	40	1,550	40

Interplanted Crops — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop

Example A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans No irrigation was used Thirty acres of soybeans and 30 acres of cotton would be reported in their appropriate section(s)

Skip Row Planting — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as " Cropland idle " in section 10 (Land Use)

▶ **Section 4 — Vegetables** — Report acres of vegetables harvested FOR SALE or commercial processing Do not report acres of vegetables for home use only Report the total acreage of each vegetable crop harvested

Example In 1982 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again Both crops of lettuce were irrigated Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4

▶ **Section 8 — Fruits and Nuts** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item f, "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for BOTH the orchard and the interplanted crops harvested.

▶ **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "this place" in 1982, regardless of the year they were harvested or who owned the land. Be sure to give gross values (before deducting expenses and taxes). Include payments received in 1982 from cooperatives or marketing organizations for crops produced on this place regardless of the year in which the crops were harvested.

Include the landlord's or contractor's share of crops removed from this place in 1982 in the value of crops sold. If the sale price or market value is not known, give your best estimate of the crops' market value when removed from "this place."

Include in the value of crops sold from "this place" any cost of harvesting, tilling, fertilizer, chemicals, etc., furnished under a contract arrangement. Also include as sales your estimate of the value of any crops removed from this place in trade for services, such as hay cut in exchange for fence repair, clearing, or other services.

DO NOT INCLUDE

a. Amount of government CCC loans received in 1982 in this section. Report government CCC loans in section 17.

b. Crops or crop products purchased from others and later resold.

▶ **Section 10 — LAND USE**

The purpose of this section is to classify the "**Acres in This Place**" you reported in section 1, item 4, by principal use in 1982. Do NOT include any acres you rented TO others (reported in section 1, item 3).

Land Used for More Than One Purpose — If part of your land was used for more than one purpose in 1982, report that land on the line for the use first listed, and NOT on the line for the second use. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 1a, "Cropland harvested," but NOT as "Cropland used for cover crop, legumes, etc." (item 1c).

Double Cropping — When more than one crop was harvested from the same land in 1982, report that land only ONCE as "Cropland harvested," item 1a of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested" in item 1a.

Skip Row Planted Crops — Report the acres that represent the total non planted or skipped rows as "Cropland idle," item 1f. The acres that represent the planted rows should be reported as "Cropland harvested," item 1a.

▶ **Sections 12 through 16 — LIVESTOCK, POULTRY, AND ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1982. Include all owned by you and any kept by you for others. Include animals on unfenced lands: National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1982, or animals on short term pasture (such as wheat pasture or crop residue) on a per head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report any animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from this place if the animals were located on the place 30 days or more and were sold or removed from this place in 1982, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Animals Moved to Another Place — For animals moved from this place to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 12.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD

a. Cattle and calves sold for further feeding.

b. Dairy cows fed only the usual dairy ration before being sold.

c. Veal calves, or any calves weighing less than 500 pounds.

Value of Sales — Report the total gross value of animals and poultry sold or removed from this place in 1982 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1982. Report as "SOLD" animals and poultry which were kept on a contract or custom basis and were removed or sold from the place in 1982. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left this place.

▶ **Section 15 — HORSES, PONIES, BEES, FISH, GOATS, ANIMAL SPECIALTIES, OTHER LIVESTOCK**

Items 1 through 4 — Report the inventory number of animals, bee colonies, or animal specialties on the place on December 31, 1982. Indicate number sold and the gross value of sales for the number sold in 1982. In item 4, specify the name and code from List A of any livestock or animal specialties on "this place" which are not covered in items 1 through 3, or 6 (fish and aquaculture products), or sections 12 through 14, or 16.

If "Inventory" or "Sold" is in units other than "Number" (such as pounds, packages, etc.), indicate the unit.

If you own colonies or hives of BEES, report all bee and honey operations conducted by you regardless of where the hives were kept most of the year (Report hives in item 2 and honey, beeswax, or pollen in item 5).

MINK PELTS, RABBIT PELTS, and CHINCHILLA PELTS should be included in number sold and value of sales, but NOT in inventory. WORMS raised for sale should be reported in beds (24 cubic feet per bed) in item 4, "Inventory," and in pounds in item 4, "Number sold."

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Item 5 — Sales of Animal Specialty Products — If any semen, manure, honey, beeswax, or other animal products were sold from this place in 1982, specify the products, the code from list B, the quantity sold, and the gross value of sales in 1982. If sold in units other than pounds or gallons, please indicate unit.

Item 6 — Fish and Aquaculture Products — Report water surface acres (estimate, if necessary) used for raising fish or other aquaculture products FOR SALE.

▶ **Section 16 — POULTRY**

Roosters and turkey toms used or to be used for BREEDING should be specified and reported in item 5, code 914 (All other poultry).

Item 8 — Gross Value of Sales — Include an estimated value of poultry and poultry products moved from this place by contractors and others.

▶ **Section 17 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS AND AGRICULTURAL SERVICES**

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1982. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1982.

Do not include CCC loans received to build crop storage facilities, or amount received for storage payments in the reserve program.

▶ **Section 19 — TYPE OF ORGANIZATION**

Use the following definitions to help you determine the type of organization for your operation.

Individual or Family Operation — Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a state to carry on a business. This definition does not include cooperatives. Also complete section 20.

Other — Such as cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian Reservation, institution run by a governmental or religious entity, etc.

▶ **Section 20 — CORPORATE STRUCTURE**

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

▶ **Section 21 — OPERATOR CHARACTERISTICS AND OCCUPATION**

This section applies to the characteristics and occupation of the individual owner, operator, senior partner, or person in charge for the type of organization reported in section 19 of the farm.

For Individual or Family Operation — Complete this section for the operator.

For Partnership Operations — Answer all items except 2 for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on this place, not necessarily the person senior in age. If each partner shares equally in the day to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation), consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 21 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on site, day to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of this place on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

▶ **Section 22 — COMMERCIAL FERTILIZER AND LIME**

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 4) was applied during 1982. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in item 3.

▶ **Section 24 — INTEREST EXPENSE**

Report all interest expenses paid in 1982 for the farm business.

INCLUDE interest or finance charges on

a. Mortgage loans for land and buildings in "this place"
b. Machinery, tractors, trucks, and other equipment
c. Fertilizer, feed, seed, etc.
d. Livestock, poultry, breeding stock
e. Funds borrowed to replenish or provide working capital
f. Interest paid on CCC loans

DO NOT INCLUDE

a. Interest on debts associated with activities not related to the production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills providing services to others.

b. Interest on owner/operator dwelling where amount is separated from interest on other land and buildings in this place.

▶ **Section 25 — MACHINERY AND EQUIPMENT**

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on this place and used for the farm business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

▶ **Section 27 — SELECTED PRODUCTION EXPENSES**

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Also include expenses incurred even if payment was not made in 1982. Please give estimates if you do not know the exact figures. For livestock or poultry grown under contract or fed on a custom basis on "this place," report their value (estimate, if necessary) in item 1 (Livestock and poultry purchased), at the time they came on this place. Also, include in item 2 the value and amount of feed purchased by you or someone else for use on this place. Do not include expenses related to nonfarm activities (trading and speculation, livestock, or dealer activities).

Hired Labor — Include in expenses for hired labor gross wages or salaries, commissions, paid bonuses, and leave pay before deductions. Social Security taxes, health, life, or employment insurance and any other benefits paid by you should be included. Be sure any salary paid to a hired manager is part of your total figure.

Contract Labor — Applies to expenditures primarily for labor in harvesting of crops, shearing sheep, etc. Exclude money paid to contractors for capital improvements such as putting up fences, repair or maintenance of buildings or machinery, land clearing, etc. Include the expense of items considered primarily machine work in customwork (item 6).

INDEX

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
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Age of operator	5, 6, 44–50	5, 16
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B		
Bahia grass seed	–	26
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Beans, dry edible	41, 44–50	15, 16, 25
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Beans, green lima	41	27
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C		
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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
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Cows and heifers that had calved	17, 22, 24–27, 44–50	11, 16
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Cropland in cultivated summer fallow	1, 44–50	1
Cropland on which all crops failed	1, 44–50	1
Cropland pastured	1, 44–50	1
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D		
Daikon	–	27
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Dairy products sales, value	11, 27, 44–50	3, 11, 16
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Dewberries	–	29
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D—Con.		
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E		
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Feed purchased	3, 7, 44–50	6, 16
Feeder pigs sales	17, 30, 32–34, 44–50	12, 16
Female operators	5, 6, 44–50	5
Fertilizer applied	16, 44–50	7
Fertilizer expenses	3, 7, 16, 44–50	6, 16
Fescue seed	–	26
Field seed crops	41	26
Figs	–	28
Filberts	42	28
Fish sales	–	21
Flaxseed	41, 44–50	24
Florist greens and flowers, cut	43	30
Flower and vegetable seeds	43	30

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
F—Con.		
Flowering and foliage plants	43	30
Flowers and florist greens, cut	43	30
Foliage and flowering plants	43	30
Forage harvesters	14, 44–50	8
Foxtail millet seed	–	26
Fruit crops	42	15, 16, 28
Fruits, nuts, and berries sales, value	11, 44–50	3, 16
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Fuel oil expenses	8, 9, 44–50	6
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G		
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Gasoline expenses	8, 9, 44–50	6
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Goats, other	38	23
Grain hay	40, 41	26
Grain sales, value	11, 44–50	3, 16
Grains	41, 44–50	24
Grapefruit	42	28
Grapes	42, 44–50	28
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Greenhouse products	39, 43	30
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Guar	–	31
Guavas	42	28
H		
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H—Con.		
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Hogs and pigs	3, 17, 29–34, 44–50	12, 16
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Hogs, litters farrowed	31, 34, 44–50	12
Honey sales	38	20
Honey tangerines	–	28
Honeydew melons	–	27
Hops	–	31
Horses and ponies	17, 38, 44–50	13
I		
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Individual or family, type of organization	5, 6, 44–50	5, 16
Insects, chemical control	16, 44–50	7
Interest expense	3, 7, 44–50	6, 16
Irish potatoes	39–41, 44–50	15, 16, 25
Irrigated farms and acres	1–4, 44–50	2, 16
Irrigation water source	2	2
K		
Kale	–	27
Kenaf	–	31
Kentucky bluegrass seed	–	26
Kerosene and fuel oil expenses	8, 9, 44–50	6
Kiwifruit	–	28
Kumquats	–	28
L		
Labor	3, 7, 10, 44–50	6, 9, 16
Land and buildings, value	1, 3, 44–50	1, 16
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Land owned	44–50	–
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Land rented to others	44–50	–
Land set aside in federal farm programs	44–50	1
Land use	1, 3, 4, 44–50	1
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Lentils	41	25
Lespedeza seed	–	26

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
L—Con.		
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Lima beans, dry	–	25
Lima beans, green	41	27
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Limes	–	28
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Livestock and poultry	17	–
Livestock and poultry purchased	7, 44–50	6, 16
Livestock, poultry, and their products sales, value	3, 6, 11, 17, 44–50	3, 16
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Loganberries	–	29
Lotus root	–	31
LP gas, butane, propane expenses	8, 9, 44–50	6
LP gas, butane, propane, storage capacity	9	6
M		
Macadamia nuts	42	28
Machine hire, rental of machinery and equipment, and customwork expenses	7, 44–50	6, 16
Machine work, customwork, and other agricultural services, income	12, 44–50	10
Machinery and equipment	3, 13, 14, 44–50	8, 16
Male operators	5, 6, 44–50	5
Mangoes	–	28
Melons	–	27
Milk cows (dairy cows)	3, 17, 22, 27, 44–50	11, 16
Milk goats	38	17
Millet, proso	–	24
Millet seed, foxtail	–	26
Mink and their pelts	38	19
Mint for oil	–	31
Mohair sales	38	18
Motor oil and grease expenses	8, 44–50	6
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Mower conditioners	14, 44–50	8
Mules, burros, and donkeys	38	23
Mungbeans for beans	–	31
Mushrooms	43	30
Mustard cabbage	–	27
Mustard greens	–	27
Mustard seed	–	24
N		
Natural gas expenses	8, 44–50	8
Nectarines	–	28
Nematode control in crops	16, 44–50	7
Nonfamily held corporations	5, 6, 44–50	5, 16
Number of farms	1, 3–6, 15, 44–50	1, 3–5, 16
Nursery and greenhouse products	39, 43	30
Nursery and greenhouse products sales, value	11, 43	3, 15, 16, 30
Nursery products—shrubs, trees, etc.	43	30
O		
Oat sales, value	11, 44–50	3,16
Oats for grain	40, 41	15, 16, 24
Occupation of operator	5, 6, 44–50	5, 16
Off-farm work by operator	5, 6, 44–50	5, 16
Okra	–	27
Olives	–	28
Onions, dry and green	41	27
Operator characteristics—residence, age, race, occupation, off-farm work, sex, Spanish origin	5, 6, 44–50	5, 16
Oranges	42	28
Orchardgrass seed	–	26
Orchards	39–42	15, 16, 28
Organization of farm	5, 6, 44–50	5, 16
Other field crops sales, value	11, 44–50	3, 16
Other grains sales, value	11, 44–50	3, 16
Other livestock and livestock products sales, value	11, 38, 44–50	3, 16
Other poultry	–	22
Owned land	44–50	–
P		
Papayas	42	28
Parsley	–	27
Part owners	5, 6, 44–50	5, 16, 33
Partnership, type of organization	5, 6, 44–50	5, 16
Passion fruit	–	28
Pastureland and grazing land	1–3, 44–50	1
Pastureland and other land irrigated	2, 44–50	2
Payroll and employment	10, 44–50	9, 16
Peaches	42, 44–50	28
Peanuts for nuts	39–41, 44–50	15, 16, 25
Pears	42	28
Peas, Austrian winter	–	26
Peas, Chinese or ming	–	27

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
P—Con.		
Peas, dry edible	41	25
Peas, green	41, 44–50	27
Pecans	42, 44–50	28
Peppers	–	27
Persimmons	–	28
Petroleum products expenses	7, 8, 44–50	6, 16
Pheasants	–	22
Pickup balers	14, 44–50	8
Pigeons or squab	–	22
Pimientos	–	27
Pineapples	39, 41, 44–50	31
Pistachios	–	28
Plums	42	28
Pomegranates	–	28
Ponies and horses	17, 38, 44–50	13
Popcorn	41	24
Potatoes, Irish	39–41, 44–50	15, 16, 25
Potatoes, sweet	39, 41, 44–50	25
Poultry and poultry products sales, value	3, 11, 17, 20, 44–50	3, 14, 16
Poultry hatched	–	22
Principal occupation of operator	5, 6, 44–50	5, 16
Production expenses	3, 7–10, 44–50	6, 16
Proso millet	–	24
Prunes	42	28
Pullets	19, 20, 44–50	14
Pumpkins	–	27
Q		
Quail	–	22
R		
Rabbits and their pelts	38	23
Race of operator	6, 44–50	34
Radishes	–	27
Rangeland	1, 44–50	1
Rapeseed	–	31
Raspberries	41	29
Red clover seed	41	26
Redtop seed	–	26
Residence of operator	5, 6, 44–50	5, 16
Rhubarb	–	27
Rice	40, 41, 44–50	15, 16, 24
Romaine and lettuce	41	27
Rye for grain	41, 44–50	24
Ryegrass seed	–	15, 16, 26
S		
Safflower	–	24
Sales of agricultural products	3, 6, 11, 15, 44–50	3, 16
S—Con.		
Salt hay	–	31
Seeds, bulbs, plants, and trees purchased	3, 7, 44–50	6
Set aside programs, acreage	44–50	1
Sex of operator	5, 6, 44–50	5
Shallots	–	27
Sheep and lambs	3, 17, 35–37, 44–50	13, 16
Sheep and lambs shorn	35–37, 44–50	13
Sheep, lambs, and wool sales, value	11, 17, 35–37, 44–50	3, 13, 16
Size of farm, average	1, 44–50	1, 16
Small grain hay	40, 41	26
Snap beans, bush and pole	41, 44–50	27
Sod	43	30
Sorghum	39, 41, 44–50	15, 16, 24
Sorghum for grain sales, value	11, 44–50	3, 16
Southern peas (cowpeas), dry	–	25
Southern peas (cowpeas), green	–	27
Soybeans	39, 41, 44–50	15, 16, 25
Soybeans sales, value	11, 44–50	3, 16
Spanish origin, operators of	5, 6, 44–50	35
Spelt and emmer	–	24
Spinach	–	27
Squash	–	27
Standard industrial classification of farms	6, 15, 44–50	3, 16
Steers, steer calves, bulls, and bull calves	22, 24–27, 44–50	11, 16
Storage, selected petroleum	9	6
Strawberries	40, 41	29
Sudangrass seed	–	26
Sugar beets	40, 41, 44–50	15, 16, 25
Sugarcane	39–41, 44–50	15, 16, 25
Sunflower seed	41, 44–50	24
Sweet corn	41, 44–50	27
Sweet corn for seed	–	31
Sweetpotatoes	39, 41, 44–50	25
T		
Tame dry hay	40, 41, 44–50	15, 16, 26
Tangelos	–	28
Tangerines	–	28
Taro	–	31
Tenant operated farms	5, 6, 44–50	5, 16, 33
Tenure of operator	5, 6, 44–50	5, 16, 33
Timothy seed	–	26
Tobacco	39–41, 44–50	15, 16, 25
Tobacco sales, value	11, 44–50	3, 16
Tomatoes	41, 44–50	27
Tractors, wheel	14, 44–50	8, 16

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
T—Con.		
Triticale	—	24
Tropical and baitfish sales	—	21
Trout sales	—	21
Trucks, including pickups	14, 44–50	8, 16
Turkeys	17, 18, 21, 44–50	14
Turnip greens	—	27
Turnips	—	27
Type of farm	6, 15, 44–50	3, 16
Type of organization	5, 6, 44–50	5, 16
V		
Value of agricultural products sold	3, 6, 11, 15, 44–50	3, 16
Value of land and buildings	1, 3, 15, 44–50	1, 16
Value of machinery and equipment	3, 13, 15, 44–50	8, 16
Vegetable and flower seeds	43	30
Vegetables, greenhouse	43	30
Vegetables harvested for sale	39–41, 44–50	15, 16, 27
V—Con.		
Vegetables, sweet corn, and melons sales, value	11, 44–50	3, 16
Vetch seed	—	26
W		
Wages paid to farm workers	3, 7, 10, 44–50	6, 9, 16
Walnuts, English	42, 44–50	28
Watercress	—	27
Watermelons	41	27
Weeds, chemical control	16, 44–50	7
Wheat for grain	39–41, 44–50	15, 16, 24
Wheat sales, value	11, 44-50	3, 16
Wheatgrass seed	—	26
Wheel tractors	14, 44–50	8, 16
Wild hay	41, 44–50	26
Wild rice	—	24
Woodland	1, 44–50	1
Wool, pounds shorn	35–37, 44–50	13
Work off-farm by operator	5, 6, 44–50	5, 16
Workers on farms	10, 44–50	9
Worms	38	23
Wormseed oil	—	31

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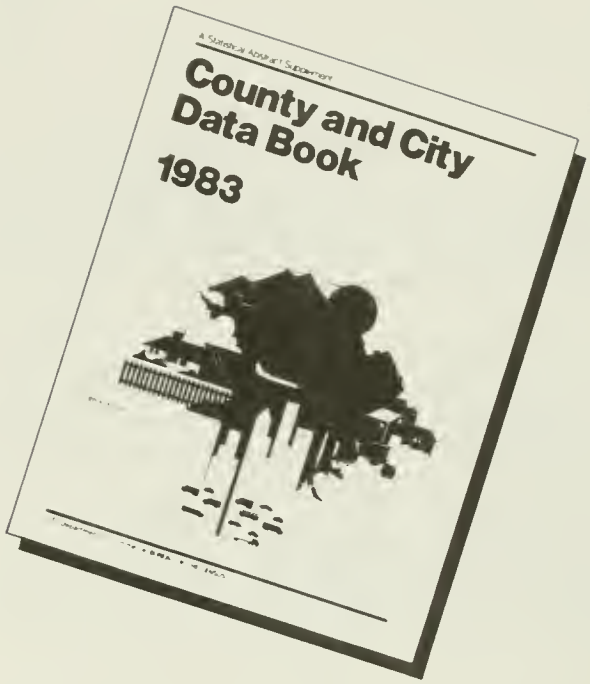

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